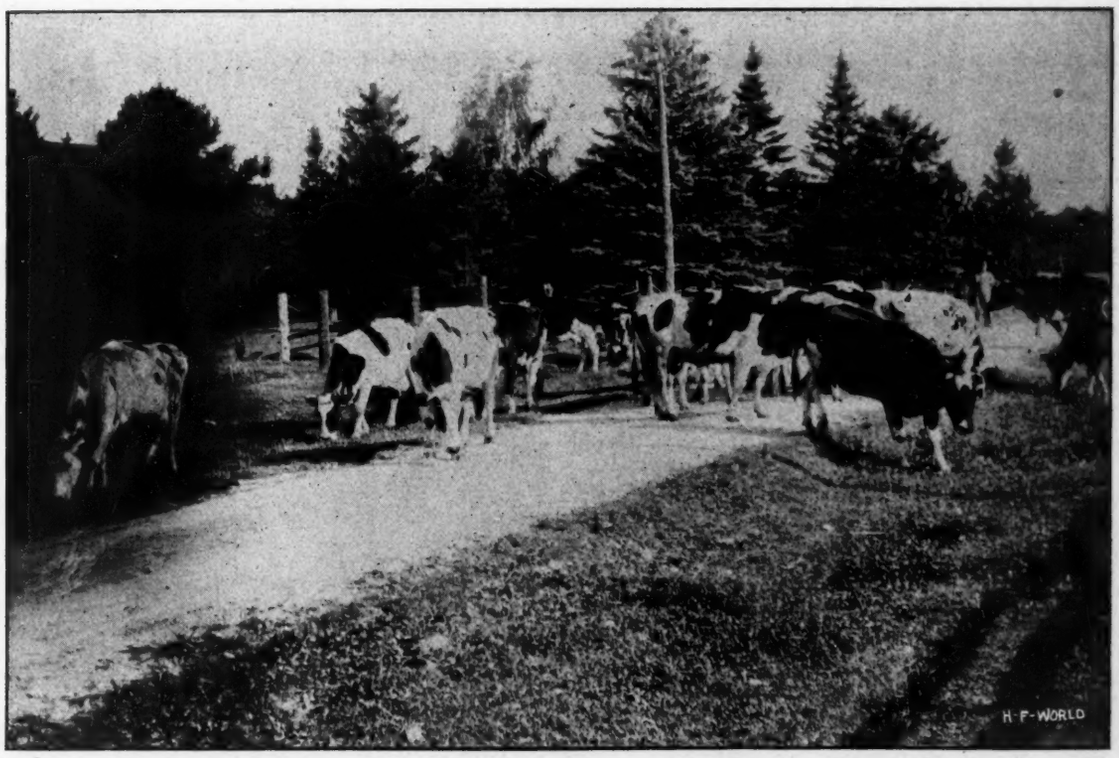
HOLSTEIN-FRIESIAN WORLDZ

WESTERN EDITION

VOL. IV. MADISON, WISCONSIN, APRIL 17, 1915. NO. 8.



SCENE AT CEDAR LAWN FARMS.
Owned by C. A. Schroeder & Sons, West Bend, Wis.

MORE PROOF

KING QUALITY

of the inherent quality of King Quality. Colantha Hamilton, a sister of King Quality and a daughter of King Colantha Clothilde, has just passed the 30 lb. mark as a jr.-3-yr.-old.

Addie De Kol Hartog 2d, a three-quarter sister to King Quality also recently made over 30 lbs. of butter in seven days. She is the only 30 lb. cow in her class to produce over 2900 lbs. of milk in thirty days.

Colantha Hamilton is a granddaughter of Admiral Walker Pietertje and therefore comes in on both sides of the "Bonalevo Combination," a cross of King Quality with the daughters of Admiral Walker Pietertje.

This cross combines the blood of three families of three direct generations of thirty pound cows, and it is assurance of heavy productions, individuality of the first order and the ability to transmit these valuable qualities.

We only have one bull left which carries this combination, and which is ready for service, but we have three others which will be ready for service this summer. Write now for charts and prices.

Bonalevo Farms

R. E. CHAPIN & SON Box C Batavia, N. Y.

Hamilton Stock Farms

The place where the first bull was bred, whose dams, 2 grandams and 4 great grandams records average over 30 lbs.

The place where the first 30-lb. cow to have a 30-lb. daughter, were both bred.

The place where the first 30 lb. cow to produce a 30 lb. daughter that also has produced a 30 lb. daughter, were all bred.

The place where the only two 30 lb. cows were bred, whose dams and grandams are all 30 lb. cows.

The only herd having in it two 30 lb. cows that have made over 30 lbs., 3 different years.

The herd in which 3 families having 3 generations of 30 lb. cows, have been developed and there is only one other such family of the breed.

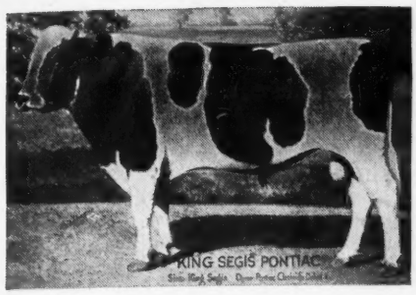
The herd in which is the only family of 3 generations whose 30 day records average 126.58 lbs.

This herd is headed by KING OF THE BLACK & WHITES, the bull whose average records for his 7 nearest dams is 31.04 lbs., and 4 of the number have produced 30 lb. daughters that have also produced 30 lb. daughters. 6 of his nearest dams have 30 day records that average over 126 lbs. each.

IN BUYING YOUR NEXT BULL, CONSIDER THESE FACTS.

A. A. Hartshorn Holstein Co.

Hamilton, New York



New York, Wisconsin and Illinois State Fairs
Iowa Dairy Cattle Congress
National Dairy Show

A Sweeping Record for 1914 at the World's Greatest Holstein Shows

Out of 18 **Grand Championships** in the seasons of 1913-14 we win 17. Our **Exhibitors Herd** and **Dairy Herd** were never beaten. In fact we were winners in every class we entered. The verdict is they must be **WORLD BEATERS.**

King Segis Pontiac and Johanna McKinley Segis

head our herds and it's time you were looking for a future herd sire bred from the most

Fashionable Breeding, Largest Records, Best Individuals

Sons of the above sires from

A 29.71 lb. daughter of Korndyke Queen De Kol Prince.
A 25.72 lb. daughter of De Kol 2d's Butter Boy 3rd.
A 25.61 lb. daughter of Paul Beets De Kol.
A 25.39 lb. daughter of Woodcrest Hengerveld De Kol at 4 yrs.
A 25.49 lb. daughter of Sir Lilith Posch at 4 yrs.
A 24.17 lb. daughter of Hengerveld De Kol at 4 yrs.

Several others from good record dams of the very best breeding.

For pedigrees, descriptions and prices write us what you want.

READY FOR SERVICE

A son of King of the Pontiacs. Dam a 24-lb. 3-yr.-old daughter of King Segis Pontiac.

Two sons of Oakland Paul Beets Burke. Dam of one a 24-lb. 3-yr. daughter of Hengerveld De Kol. Dam of one is Aconeth Lady, the Grand Championship winner.

Son of Woodcrest Hengerveld De Kol. Dam a 26.6-lb 3-yr. daughter of Paul Calamo Korndyke, the World's Greatest Winner.
This calf was 1st at New York State Fair.

R. E. HAEGER, Algonquin, Ill.

King Segis Pontiac Chicago

The bull whose purchase in the June, 1914, Sale for $20,000.00 was the sensation of the year.

His Sire: King Segis Pontiac, who has more sons at the head of good herds than any other sire.

His Dam: Johanna De Kol Van Beers, who produced not only 40 lbs. of butter in seven days, but under Official Test produced nearly 10,500 lbs. of milk and over 540 lbs. of butter in 120 consecutive days Official Test, thus producing an average in seventeen consecutive weeks of nearly 32 lbs. of butter per week.

His Sire's Dam: Pontiac Clothilde De Kol 2d is not only distinguished for having made three records over 30 lbs., but in Official Test produced over 37 lbs. of butter in seven days, followed by a year's record of over 25,000 lbs. of milk, testing over 4 per cent, making more than 1,000 lbs. of butter fat, when she again freshened and produced over 32 lbs. of butter in seven days.

His Sire's Sire: King Segis, lived only six years, but was the sire of eighty-three A. R. O. daughters, seven over 30 lbs. and fifty-eight proven sons.

His Dam's Sire: Sir Johanna De Kol, was a brother to Colantha 4th's Johanna, and his dam's dam, Netta Netherland Van Beers, was the first cow Officially Tested in the State of Wisconsin, which was many years ago, and at the age of twelve years produced over 18 lbs., easily the equivalent of 30 lbs. today.

King Segis Pontiac Chicago, born February 5, 1914, has extraordinary development and possesses great individual merit.

THE BULL OF OUTSTANDING LINEAGE, OUTSTANDING INDIVIDUALITY
OUTSTANDING PROMISE

Owned by

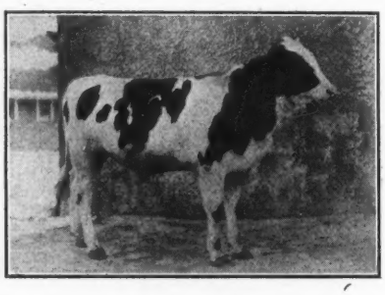
H. Stillson Hart Geo. E. Van Hagen Spencer Otis, Jr.

BARRINGTON, ILL.

The Balsams Stock Farm

Our first thirteen cows to be put on a semi-official yearly test have finished:
Total milk produced, 191,979.5 lbs.
Yearly average for the thirteen, 14,767.65 lbs.
Total fat produced, 6,528.553 lbs. equivalent in butter to 8,160.69 lbs.
Total fat required for the thirteen, 4,382.3 lbs. equivalent in butter to 5,477.87 lbs.
Excess fat over that required for the thirteen, 2,146.253 lbs. equivalent in butter to 2,682.81 lbs.
Yearly average of fat for each cow, 502.196 lbs. equivalent in butter to 627.745 lbs.
Yearly average of fat required for each cow, 337.08 lbs. equivalent in butter to 421.35 lbs.
Excess fat over that required for each cow, 165.116 lbs. equivalent in butter to 206.395 lbs.
All of the thirteen are bred, and several are due to calve in less than two months from the time they finished their year; in fact the average length of time for the thirteen is 85 days.
NOTE.—Only seven of the thirteen were matured cows.

HENRY S. HALE, Owner, P. A. CAMPBELL, Mgr., DIXVILLE NOTCH, N. H.



Seven Day and Yearly Record Backing We Offer

Duke Pontiac Burke De Kol 125010

A son of the great 26-lb. cow Howland Nina Burke Princess 106888, who has just completed a semi-official year's record of:—

Milk 23,761.80
Butter 925.51

Her dam is a 21-lb. cow with a 30-day record more than four times as large.

THE SIRE—Maplecrest Pontiac De Kol Boy 62238, one of our herd bulls was by **Pontiac Aaggie Korndyke** (10 30-lb. daughters—more than any other living sire) and from a **27.86-lb. daughter of Friend Hengerveld De Kol Butter Boy (4 30-lb. daughters.)** These two sires each have 4 daughters with year's records above 1000 lbs., the former having two and the latter three above 1200 lbs. No other sire can make an equal showing for either 1000-lb. or 1200-lb. daughters.

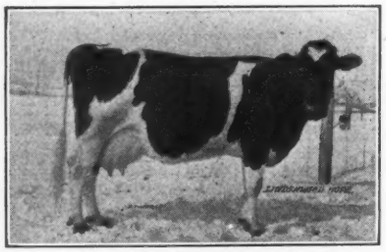
The combination of this wonderful work with the an equal showing for either 1000-lb. or 1200-lb. duce nothing but exceptional results.

Duke Pontiac Burke De Kol 125010, was born Jan. 30, 1914, is a splendid individual, and is now ready for service.

Here is a splendid value in a herd sire.

COOLEY FARMS Owned by

Home of the Junior 2-year-old Champion of the World — **The City of Cleveland** — **Address all correspondence to JAMES A. REYNOLDS, Sup't. Warrensville, O.**



Lindenwood Hope

The RISINGHURST HERD

Home of the Worlds Champions

Crown Prince Maxie De Kol 2d

Offers a few choice young bulls, also a few A. R. O. cows in calf to Risinghurst Johanna Ormsby De Kol, son of the great Lindenwood Hope.

We will also accept a few approved cows for service to her son.

G. W. RISING **Fayette, O.**

THE COMING SIRE

KING SEGIS PONTIAC ALCARTRA 79602.

A good start is a great help in any race. King was four years old November 16th, 1914. His first two daughters have just freshened, and each has produced over 21 pounds at 2 years. Over sixty young daughters in our herd. All our best cows in calf to him. Will serve more 30-lb. cows than any other sire this year. His sons head many of the greatest herds. Yes, King certainly is getting a good start, and he is bound to finish strong, for he is traveling faster with every lap. For this reason,

NOW is the best time you will ever have to get onto the wagon with King, for there will not be enough places to go around.

We have only a few sons of King left, but they are the sort that will reserve a place for their owners. Write for complete information, or better yet come and see them.

JOHN ARFMANN

Fairmont Farm Middletown, New York

SPRING FARM HERD

OFFERS

Sons of the $15,000 44-lb. bull

Spring Farm Pontiac Cornucopia

No. 77172

One born Jan. 1, 1915; largely white; a faultless individual.

The records of his dam at 2 years, both grandams and three other near dams average for the six, 34.15 lb. His two grandams: Tweede White Lady and K. P. Pontiac Lass, records average for 7 days, 40.81 lb.;for 30 days, 160.71 lb.; for 60 days, 293.80 lb.; for 90 days, 411.73 lb.; for 100 days, 449.73 lb. This bull is in a class by himself.

Francis M. Jones

Oneida Co. CLINTON, N. Y.

Northern Indiana Breeders' Sale Co.

APRIL 28 at Goshen, Ind. APRIL 28

Will Sell

80 HEAD OF HOLSTEINS 80 HEAD

Selected from the best herds in Indiana, and of sections which were never quarantined. Indiana has **No Foot and Mouth disease.**

SOME OF THE OFFERINGS:

Cornucopia Denver Pontiac No. 104387. Butter 7 days, 32.05; 30 days, 130.0 lb. Countess Tirania Netherland De Kol No. 109871. Butter 7 days, 25.85; 30 days, 101 lb. Clothilde of Tarry-a-while No. 112365. Butter 7 days, 25.68 lb., 14 days 49 lb. Sylvan Queen of Nelson No. 112314. In test now and going over 25 lb.

14 head more with records from 15.31 lb. as yearlings to 23.89 lb. as matured cows. All straight and sound and great producers.

Well bred ones, being daughters of such bulls as Maplecrest Pontiac Sir Palestine No. 69054. 9 A. R. O. daughters, Pontiac Magnus, Pontiac Abylo, Admiral De Kol Lyons, Sir Pontiac Korndyke, 41 A. R. O. daughters.

26 head of well grown yearling heifers and heifercalves, the kind that grow into money while you sleep, mostly out of A. R. O. dams and by great sires

Then the 15 head of bulls, all by proven sires and out of dams with records as high as 32 lb. of butter in 7 days and 130 in 30 days. Part of them ready for service now.

What about the coming calves. **There are only 8 Thirty-Pound Bulls in Indiana of which 6 are owned by the Members of Our Sale Co.,** so the coming out of nearly every consignment are going to be high class.

CONSIGNORS:

Morton Friend, Orland, Ind. E. Emmert, Syracuse, Ind. Geo. Freese & Son, Nappanee, Ind.
Frank Yoder, Milford, Ind. Clayton Stahly, Nappanee, Ind. Samuel de Boer, Nappanee, Ind.
Joseph Yoder, Goshen, Ind. David Stiffler, Syracuse, Ind. Eubanks & McNair, Martinsville, Ind.

ALL STOCK TO BE TUBERCULIN TESTED BY STATE VETERINARIANS
A CREDIT OF 6 MONTHS WILL BE GIVEN

Kelly and Haeger Auctioneers For Catalog address

Samuel DeBoer, Mgr. Nappanee, Ind.

A Credit of Six Months will be Given

Absolute Dispersal of the Redwood Holstein Farm Herd

100 Registered Heifers and Young Cows

At private sale to close estate of the late Richard W. Sears, founder of Sears, Roebuck & Company, of Chicago, Ill.

25 of them are strongly bred on the lines of King Segis, Paul Beets De Kol and De Kol's 2d Butter Boy 3d.

15 are granddaughters or great-granddaughters of Pontiac Korndyke, King of the Pontiacs and Pontiac Hengerveld Parthena.

15 are backed by those splendid sires, Aaggie Cornucopia 3d's Lilith and Aaggie Cornucopia Johanna Lad.

We also have a number bred on the lines containing as foundation sires King Walker, Sarcastic Lad, Hengerveld De Kol and De Kol Burke.

Present Herd Sires. King of the Pontiacs 19th, No. 113155, and Daisy Pioneer Walker King, No. 98263. The latter is grandson of King Segis and great-grandson of Hengerveld De Kol and Lord Netherland De Kol.

We have done no testing this winter. It's your gain. Every animal has been appraised and fairly priced. Buy and test them yourself.

You absolutely take no chances on tubercular infection or contagious disease. We can convince you of this.

Herd must be sold by June 1, 1915. You can buy one or more. Come and look them over.

Redwood Holstein Farm

SEARS & GOLD, Owners Redwood Falls, Minn.

AN OPPORTUNITY OF A LIFE-TIME

As we want to increase the number of milking stock we are offering twelve nice straight heifers at a price that is right, considering the breeding.

Granddaughters of **Pontiac Korndyke, King of the Pontiacs, Aaggie Cornucopia Pauline Count and Mercedes Julip's Pietertje's Paul.**

Herd is tuberculin-tested annually and reactors, if any, are eliminated so herd is clean.

These heifers are well grown and if blood counts for anytihng they are a bargain.

We also have some fine pure-bred Percheron horses (stallions and mares) for sale or trade for mature cows either grades or pure bred.

"Petard", one of the stallions for sale, is the prize winner of the East and won second in one of the largest exhibits of the country. Visitors welcome.

MOHEGAN FARM, PEEKSKILL, N. Y.

60 Registered Holsteins 60

AT

PUBLIC SALE

Creston, Iowa April 27th

Your best chance to buy high-class Holsteins at your own price this spring.

A. B. Hall will disperse his entire herd consisting of about 44 head of registered stock and 10 very high grades.

These last are really pure breds but have no registration papers.

The entire consignment is young. About 20 have freshened with first calf since January 1st. All are richly bred heavy milkers and very high-class individuals.

These catttle are rich in the blood of the most popular and productive strains of this country and Canada. You have your pick of the whole herd.

S. E. Ross consigns some young stock from his herd which is headed by a son of Johanna Colantha Lad who is a son of Sarcastic Lad and Johanna Colantha. This herd has won honors in the Iowa Dairy Cow contest and has made some good official records.

The Beaver Valley Farm will sell some splendidly bred cows, heifers and bulls This herd is headed by Dutchland Colantha Hengerveld Lad, a bull whose 25 half sisters average 25.65 pounds butter in seven days, which in itself is sufficient evidence of quality. Beaver Valley has one of the great herds of Iowa.

It is seldom one has such an opportunity to buy Holsteins of such great quality. This is especially true this season.

Every animal tuberculin-tested and free from disease. There is no chance of carrying contagion to your herd. You are safe if you buy here.

Here is your opportunity.

Buy at Creston, April 27th.

Catalogs ready. Write today.

A. B. HALL Creston, Iowa

SON OF 44-LB. BULL---READY FOR SERVICE

King Pontiac Ormsby Ilona 133777. Born March 15, 1914.

Sire—Spring Farm Pontiac Cornucopia, the $15,000 son of the 44-lb. cow.

Dam—Sadie Ormsby Ilona 138194, whose record of 23.11 lb. at 3½ years is no measure of her capacity. She is the best daughter of Sadie Vale Sir Ormsby, who was by Duchess Piebe Burke and from Sadie Vale Concordia (30.64 lb.), the first 30-lb. cow. Sadie Vale Sir Ormsby is a full brother to the new 40-lb. cow, Sadie Vale Concordia 4th (40.173 lb.), and is going to make a name for himself.

Five of the nearest dams of King Pontiac Ormsby Ilona and a full sister to his grandsire average, for the six, 34.47 lb. in 7 days, and a correspondingly good showing for thirty days.

He is a very nice, large, straight calf, thrifty, healthy, sound and right in every way; about evenly marked. By securing a bull of this 44 lb. breeding ready for service now you will be in a position to reap full benefit of its present popularity. The Sadie Vale stock is growing better all the time.

Here is a bull bargain that should appeal to the man who wants the best at a reasonable price.

Brothertown Farms, QUENTIN McADAM, Prop.

Address all correspondence to W. A. Salisbury, Supt., Waterville, N. Y.

OUR LEADING HERD BULL
with his dam and sire

Segis Pontiac De Kol Burke is our ideal of what a sire should be. Consider the following facts concerning him.

Individuality—He has been **twice** a first prize winner at the California State Fair; his sire and dam have both been Grand Champions at the same show, while his grandsire was twice a first-prize winner at New York State Fair.

Transmitting Power—He closely combines the blood of De Kol Burke, Pontiac Korndyke, Hengerveld De Kol, King of the Pontiacs and King Segis—together the sires of forty 30-lb. daughters. His near relatives have produced a very large proportion of the greatest milk producers.

Producing Ability—His dam, Riverside Sadie De Kol Burke, is the greatest milk producer the dairy world has ever known, averaging 124.5 lb. milk per day for a month in official test and over 100 lb. per day for six months semi-officially. She has also outdistanced all competition for two consecutive years, with over 54,800 lb. On the sire's side, is Pontiac Clothilde De Kol 2d, the first 37-lb. cow, and the first cow to produce over 1000 lb. of butter fat in a year.

His Opportunity—At 2 years old he now has twenty daughters in our herd, including a yearling from Tilly Alcartra, the only 30,000-lb. cow. 75 of our best cows (including Tilly Alcartra) are now in calf to him. Every daughter will be officially tested, and we expect to make him the greatest sire in the West.

Your Opportunity—A few young sons of Segis Pontiac De Kol Burke are available out of high record cows, several of which are 20,000-lb. half sisters to Aralia De Kol, the Champion 11 and 12-year-old. You will find our prices reasonable.

A. W. MORRIS & SONS CORPORATION WOODLAND, CALIFORNIA

Want Ad Column

$1.00 per insertion. Send price with copy.

WANTED

Have had several years' experience in breeding Holstein cattle and making A. R. O. records. Would like a position on a well-equipped Holstein farm where there is a chance for advancement.

J. H. S., care of H.-F. World, Lacona, New York.

WHO WANTS

a first-class herdsman? Married. Life time experience with Holsteins who has made 30-ib. records and has three first-class references. Short course graduate. State wages.

Address:

H, care of H.-F. WORLD, Lacona, N .Y.

POSITION WANTED

Does someone want a farm or orchard superintendent who is reliable and who will take as much interest in things as though farm belonged to him? Am American, 33, married, no children. Born and grew up on the farm. Have had college short courses in General Agriculture and Animal Husbandry and Fruit Growing. Experienced with the various farm crops and in raising pure-bred Holsteins. Good accountant. References as to integrity and character. Price $100 per month.

R ALBERT NEWTON, West Brattleboro, Vt.

FOR SALE our junior herd sire, Eli Sir Pontiac. His dam has an A. R. O. record of 24.60 and sire's dam 31.28. He is ¾ white and a show bull ready for service. The first check for $250 gets him.

NEAL HOUSLET

Oxford Wis.

THE VALUE of your Holsteins for breeding purposes is determined largely by the A. R. O. records of their ancestors. New records are constantly being made. 4,000 cows have been tested since the first of the official year.

Our pedigrees are complete and show all records to date with Supt. Gardner's reports.

HARRINGTON & GEROW
STANDARD
Madison, Wis.

The only office in the Middle West equipped for the Management of Public Sales and the rapid compilation of Catalogues and Pedigrees.

JUDGE SEGIS.

THE HEART OF CONFORMATION & BREEDING.

HIS FIRST EIGHT DAUGHTERS AV:
17 LBS AT
2 YEARS 2 MONTHS
OF AGE.

WE HAVE A FEW OF HIS SONS FROM 27 LBS & 29 LB YOUNG COWS, FOR SALE OR EXCHANGE FOR WELL BRED HEIFERS.

F.C. SOULE & SONS
SYRACUSE,
N.Y.

HEIFER CALF FOR SALE

Sire—Pontiac Triumph Cornucopia 49270, who was by Pontiac Cornucopia, and from a 26-lb. daughter of Hengerveld De Kol. His first daughters to freshen are milking over 50 lb. per day as 2-yr.-olds.

Dam—A 14.2 lb. 2-yr.-old granddaughter of Betta Lyons Netherland (34.71 lb.) whose dam is also a 34-lb. cow.

Calf was born Jan. 23, 1915 and is a nice one. Write for pedigree and price.

H. C. STANTON

Burn Brae Clifton Heights, Pa.

BULL CALVES FOR SALE

No. 1.—Born Aug. 17, 1914, mostly white.
Sire—a son of King of the Pontiacs.
Dam—Beauty Paul Pietertje 18.25.

No. 2—Born Sept. 9, 1914, nicely marked.
Sire—A son of King Pontiac Calypso, the best son of King of the Pontiacs.
Dam—Queen of Fort Hill Colthilde 2d Lass 16.68.
Prices reasonable.

E. A. MARTIN

De Witt N. Y.

STRICKLAND FARM OFFERS

Two well-bred bulls for sale, born in November 1914. One from 25-lb. three-year-old; one from 23-lb. two-year-old. Prices right.

S. M. STRICKLAND, Carthage, N. Y.

Holstein Breeders desiring to purchase young bulls with two and three crosses of the blood of King Segis, Aaggie Cornucopia, Grace Fayne, Colantha Johanna 4th, Blanch Lyons at reasonable prices should address

C. S. AVERILL, The Yates, Syracuse, N. Y.

Holstein-Friesian World

VOL. XII. MADISON, WISCONSIN, APRIL 17, 1915. NO. 16.

Cedar Lawn Farms

By I. S. Brown

On March 24th, we visited the original home of the great Johanna De Kol Van Beers, the 40-lb. cow of the West.

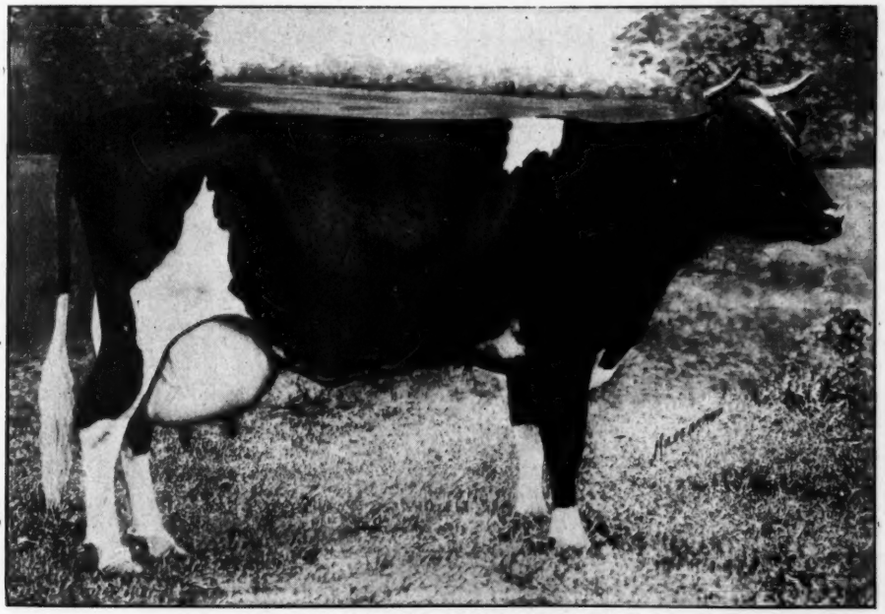
Cedar Lawn Farms, West Bend, Wis., where this cow was born, are owned by C. A. Schroeder and sons, W. C., H. F. and G. C. There are numerous relatives on dairy farms in the near vicinity and another son who is raising Holstein-Friesians at Owatonna, Minn., having secured his foundation stock at Cedar Lawn Farms. The Schroeders, from time immemorial, are an agricultural people, in whom a love for dairying is, literally, "bred in the bone." Frederick W. Schroeder, the father of C. A. Schroeder, had been manager of a Holstein-Friesian herd in Germany. He came to this country, intent upon establishing a herd and in 1847, he settled upon a tract of land, the original domain of the present Cedar Lawn Farms. At this place C. A. Schroeder and all of the later generations were born. The reason for selecting this particular spot was due to its bordering on a small stream, for he realized its value in the stock raising business.

This pioneer Schroeder must have had a long vision into the future, for at the time of his settlement, the primeval forests were there, untouched by an axe, so it was not until 1881 that Frederick W. Schroeder and C. A. Schroeder purchased their first pure bred Holstein-Friesian bull. Two years later they secured their first pure bred females, consisting of three head, one, by name, Maddie K. This cow proved of especial merit and it was from her that the present herds have originated.

Before going into detail, a few introductory remarks, seem necessary to better enable the reader to understand the value of the lesson taught in the breeding work at Cedar Lawn Farms.

A contemporary establishment in the breeding of pure bred Holstein-Friesians, and more specifically of the Johanna strain, was Springvale Stock Farm, Founded by the Hon. T. K. Gillett, at Rosendale, Wis. in 1878. There is much similarity in the history of these two breeding establishments; both were pioneer institutions, both adopted the Johannas, both have developed this strain to a rare degree of perfection, both have produced world's champions—what is true of one is largely true of the other. These two institutions have made the Johanna cow famous.

The story of the development of Cedar Lawn herds is also one of Johanna blood from start to finish. There are today 200 head and in point of quality they rank among the best in the country. These herds represent one of the finest examples in existence of the splendid results to be obtained by close line breeding. For thirty years Johanna sires have been mated with Johanna cows and the result is that every animal is inter-related to every other animal, and the Johanna characteristics have become



JOHANNA DE KOL VAN BEERS 75131.

A. R. O. 40 pounds butter in 7 days. 541 pounds butter in 120 days. A daughter of Sir Johanna De Kol and Netta Netherland Van Beers who was a sister to Netherland Bessie. Bred and born at Cedar Lawn Farm, the property of C. A. Schroeder & Son.

almost indelible. Mr. C. A. Schroeder having been brought up with the herds from their inception, is thoroughly familiar with every feature of this Johanna type and he tells of going into a herd of young stock in which the owner said there were three granddaughters of Sir Johanna De Kol. Mr. Schroeder pointed out the three heifers easily and without mistake. This demonstrates the prepotency of the Johanna blood, transmitting certain characteristics with precision. There are, in particular, two characteristics of the Johannas which are very noticeable in all members of the herds and these are an unusually deep chest and very large turtuous milk veins with often a third umbilical vein. One might think that the close line breeding would have resulted in undersized, poorly developed cattle. We wish you could see the herds, for just the opposite is true. The animals throughout are large and robust, dozens of them scaling above 1,500 pounds; as dairy machines they are magnificent,—large but trim, with great capacity and immense udders. Their quality is such that it is absolutely impossible to do them justice without the use of the superlative.

Knowing now, in a general way, what has been accomplished, we can take up the line of breeding and learn just what has transpired to bring about the present state of development.

In the improvement of any herd, the greatest problem is the selection of the herd bulls and many costly mistakes may occur. It would seem, however, that Mr. Schroeder and sons have been exceedingly fortunate in the choice of herd bulls. The first Johanna bull used won Johanna Rue 2d's Paul De Kol, a bull of considerable merit as a producer, having 33 A. R. O. daughters with 13 above 20 pounds. The second bull was Sir Johanna De Kol, one of the great sires of the breed. He was a member of Cedar Lawn herds from the time he was two weeks old until he died two years ago at the age of 15. There are two line bred Johanna bulls at the head of the herds at the present time. Following are portions of the pedigrees of these four bulls which will show clearly the amount of Johanna blood in each and the extent of the line breeding.

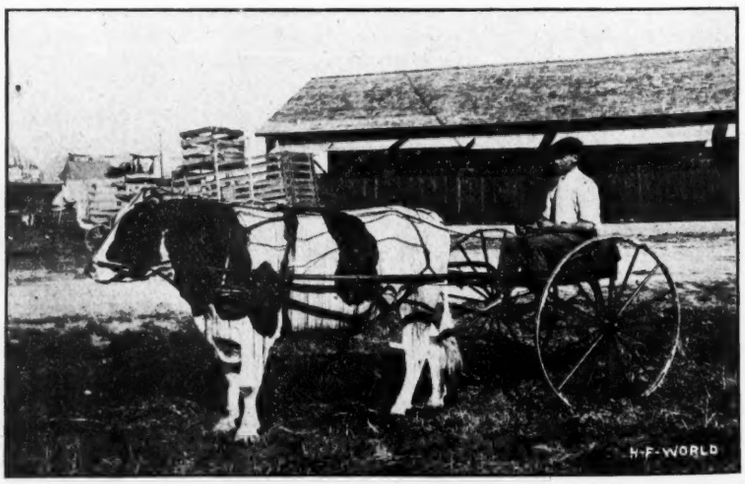
Going back to the beginning of the female line, we find that Maddie K. is the dam of Netherland Bessie (illustration). Netherland Bessie bred to Johanna Rue 2d's Paul De Kol gave three great-producing daughters, namely: Netherland Johanna De

SIR JOHANNA DE KOL 25467.

51 A. R. O. daughters, 18 sons and 26 daughters who have A. R. O. daugthers. Sire of Johanna De Kol Van Beers. A. R. O. 40 pounds butter in 7 days, 541 pounds butter in 120 days.
Cedar Lawn De Kol Johanna. A. R. O. 25.8 pounds butter in 7 days at 2 years, 2 months of age. World's record 2 years and many other prize winners. In service at Cedar Lawn Farms 14 years.
Bessie De Kol Rue 2d A. R. O. 22.6 pounds butter in 7 days at 2 years, 4 months. world's record when made.

(First Johanna sire used)	Paul Mutual De Kol 18726		
Johanna Rue 2d's Paul De Kol 21724	Johanna Rue 2d 33788	Aaggie Cornelia 5th's Clothilde Imperial 11822	
		Johanna Rue 21223	

(Second Johanna sire used)	Sir Johanna 23446	Johanna Rue 2d 33788	Aaggie Cornelia 5th's Clothilde Imperial 11822
			Johanna Rue 21223
Sir Johanna De Kol 25467	Johanna De Kol 2d 42168	Johanna De Kol 36478	Paul Mutual De Kol 18726
			Johanna Rue 21223



CEDAR LAWN CHAMPION 107976.

At 2 years, 6 months. Premier sire at Cedar Lawn Farms. A son of Cedar Lawn De Kol Johanna, 25.8 pounds butter at 2 years, 2 months, and Colantha Johanna Champion whose dam is Colantha 4th's Johanna. Bred and owned by C. A. Schroeder & Sons.

Kol, Bessie De Kol Rue and Netherland Johanna Rue.

Netherland Johanna De Kol (illustration), with fourteen calves to her credit, is still a producer at Cedar Lawn Farms. She is still a grand individual, weighing 1,600 pounds, with great abdominal capacity and an udder as large as a wash tub. Standing in the near stanchion, she was the first cow we inspected and it created a splendid impression upon us.

She has five A. R. O. daughters:

Netherland Johanna De Kol 2d, 28.55 butter (illustration)

Netherland Johanna De Kol 3d, 3y 24.75 butter (illustration).

Netherland Johanna De Kol 4th, 2y 16.72 butter.

Netherland Johanna De Kol 5th, 2y 22.59 butter.

Netherland Johanna De Kol 6th 2y 17.50 butter.

A son, Manor Johanna De Kol, is sire of a 34lb. cow, Manor Johanna Pietertje Lady.

in 1907 and stood as world's records for two years.

It will be noted from the foregoing that the Johanna type was fixed by breeding the daughters of Johanna Rue 2d's Paul De Kol to Sir Johanna De Kol and with good effect, resulting in several world's record heifers.

Netherland Bessie was sired by Netherland Van Beers. Netherland Van Beers was also the sire of Netta Netherland Van Beers. She, in turn, was mated to Sir Johanna De Kol and produced the world-renowned cow, Johanna De Kol Van Beers.

A number of years ago, at a time before the value of Sir Johanna De Kol was known and also before the day of enormous prices, Mr. Schroeder offered this young sire to Mr. H. A. Moyer, Syracuse, N. Y., for $300, which caused Mr. Moyer to visit Cedar Lawn Farms, where he endeavored to secure, not only the bull but some of his daughters. Mr. Schroeder, however, determined to retain either the bull or all of his daughters, so Mr. Moyer left without making a deal, but after reaching home, he thought better of it and sent Mr. Schroeder a check of $300 for the bull, but Mr. Schroeder had also changed his mind so the check was returned. Then Mr. Moyer negotiated for and secured four of his daughters, among which was Johanna De Kol Van Beers. In Mr. Moyer's possession she freshened in December, 1906, at the age of 2 years, 8 months, 24 days and made her first record of 20.85 lbs. butter from 437.1 lbs. milk. At four years she made 28 lbs. and was sold at a Syracuse auction for $710 to J. A. Stanton & Son, New Woodstock, N. Y., and without increasing her record was sold to James M. Anderson, Pompton Plains, N. J., for $1,225. Here she made her great records of 40.07 in 7 days; 151.39 in 30 days; and 541.35 lbs. in 120 days. This latter record shows an average of nearly 32 lbs. of butter a week during 17 weeks, and it still stands as the world's *official* record for that period. After the above performance, she was brought back to Syracuse and sold for $7,000 to Messrs. Haeger and Getzelman of Illinois. Here, her fame has been greatly increased by having three sons sell for the combined sum of $49,150.

The important connection of the above to this write-up is that Cedar Lawn herds contain 44 daughters of Sir Johanna De Kol—all half sisters to Johanna De Kol Van Beers, and nearly 100 granddaughters. There is no other herd in existence having so large a percentage of the blood which produced Johanna De Kol Van Beers.

Another foundation cow, still in the herd, and one of great interest, is Mercedes Athenia Inka De Kol. (Illustration.) She is one of four officially tested daughters of Mercedes Athenia Jewel (21.1). She has, herself, a record of 25.39 and has produced five daughter and three sons and is apparently still in her prime. She is a very large, beautiful, robust cow of 1,500 lbs. weight and in 1913 was selected as a model type of Holstein for the University of Wisconsin live stock exhibition.

Her first daughter: Cedar Lawn De Kol Johanna (illustration) made a World's record at the age of 2 years, 2 months, of 25.8 lbs. and also 707 pounds butter in one year. A slight introduction into the herd of outside blood was brought about by breeding her to Sir Hengerveld De Kol Ormsby, a full brother to the sire of Pietertje Maid Ormsby. This mating produced Cedar Lawn De Kol Johanna 2d, a magnificent animal, that has just completed a record of 30.65 at 4 years of age. She was later bred to Colantha Johanna Champion, producing one of the present herd bulls, Cedar Lawn Champion, a remarkably fine individual with the deep Johanna chest and prominent mammary development.

Her second daughter: Cedar Lawn Jewel, produced 18.147 at 2 years, 7 months and promises a great record at next freshening.

Her third daughter: Cedar Lawn Beauty, just finished a two-year-old record of 24.6 lbs. butter.

Her fourth and fifth daughters are a yearling and calf.

- (Present Johanna sire) Mercedes De Kol 2d 60841
  - Prince Inka Mercedes De Kol 43306
    - Mercedes Athenia Inka De Kol 72761
  - Netherland Johanna De Kol 2d 61871
    - Sir Johanna De Kol 25467
      - Johanna Rue 2d's Paul De Kol 21724
      - Netherland Bessie 35997
    - Netherland Johanna De Kol 53131

Bessie De Kol Rue (illustration), second daughter of Netherland Bessie, is the dam of Bessie De Kol Rue 2d (illustration), a former world's champion junior two-year-old.

Netherland Johanna Rue, the third daughter of Netherland Bessie, was the dam of:

Netherland Johanna Rue 2d 24.95

Netherland Johanna Rue 4th 22.98 (1st prize and grandchampion at the National Dairy Show).

Netherland Johanna Rue 5th, 2y 13.89.

Netherland Johanna Rue 6th, 2 y 21.5 (illustration) world's record.

Netherland Johanna Rue 7th, 4y 23.69.

These three daughters of Netherland Bessie have combined eleven A. R. O. daughters by Sir Johanna De Kol, among which, as indicated above, were Bessie De Kol Rue 2d and Netherland Johanna Rue 6th, both of which surpassed all former records as junior two-year-olds. These were made

- (Present Johanna sire) Cedar Lawn Champion
  - Colantha Johanna Champion 43674
    - Colantha 4th's Johanna 48577
      - Sir Johanna 23446
      - Colantha 4th 35028
        - Aaggie Cornelia 5th's Clothilde Imperial 11822
  - Cedar Lawn De Kol Johanna 113565
    - Sir Johanna De Kol 25467
    - Mercedes Athenia Inka De Kol 72761

NETHERLAND BESSIE 35997.

A R. O. 24.968 lbs. butter in 7 days. A. R. O. 104.87 pounds butter in 30 days at 10 years. Semi-official record 13085 pounds milk, 648 pounds butter in one year at 13 years of age. Four A. R. O. daughters. She was a sister to the dam of Johanna De Kol Van Beers. Bred by C. A. Schroeder.

was sold to Japan and is reported giving great satisfaction at his foreign home. Her third son, Sir Johanna De Kol 19th, has five A. R. O. daughters, including Cedar Lawn Wit with 28.63 at 3 years, Cedar Lawn Linda, 19.22 at 2 years, and Cedar Lawn Bessie, 22.2 with first calf.

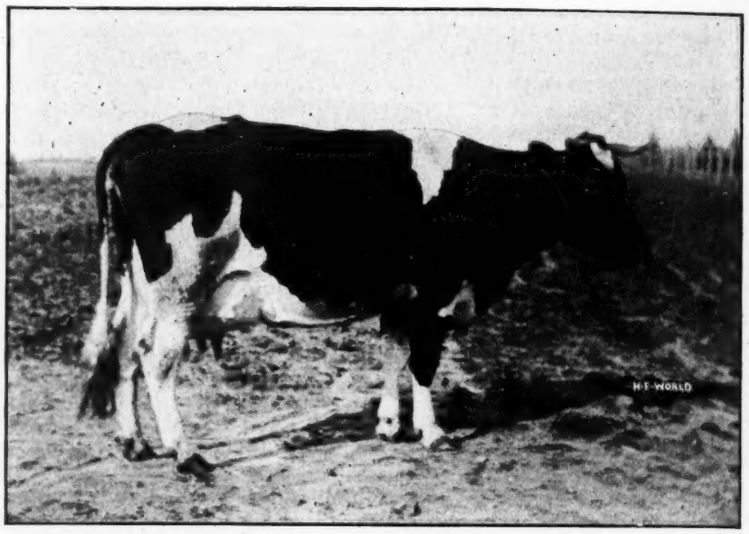
Another one of the many individuals, deserving of special mention, is Johanna Pauline Paul (illustration) that held the world's record in the eight-months-after division for four years with 26.54. She was sired by a full brother of Bessie De Kol Rue 2d, 22.6 at 2 years, 4 months. Her first daughter made 21.8 at 2 years, 5 months, and her second daughter 37.18 at 2 years, 29 days.

Her first son, Prince Inka Mercedes De Kol, is sire of four A. R. O. daughters, among them being Cedar Lawn Johanna Inka (illustration) 21.54 at two years. Her second son

NETHERLAND JOHANNA DE KOL 2D 61871.

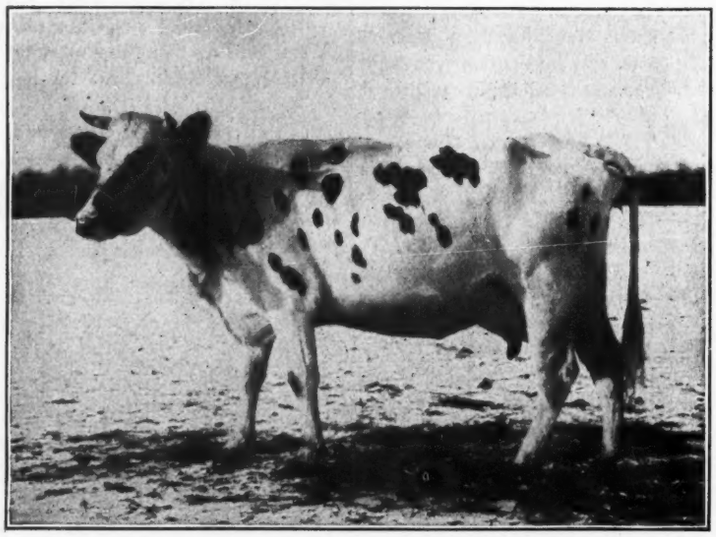
A. R. O.	Lbs. Butter in 7 days.
5 years 11 months	28.56
8 months after calving	14.20
4 years, 4 months	22.38
2 months after calving	11.858
3 years, 4 months	20.246
8 months after calving	9.44
2 years, 4 months	16.147

A. R. O. at 2 years, 4 months, 65.65 pounds butter in 30 days.
3 A. R. O. daughters.
She is a daughter of Netherland Johanna De Kol and sired by Sir Johanna De Kol.
62½ per cent the same breeding as Johanna De Kol Van Beers.
Bred by C .A. Schroeder.



NETHERLAND JOHANNA DE KOL 53131.

A. R. O. 24.23 pounds butter in 7 days; dam of 7 daughters and 7 sons; 5 A. R. O. daughters, all made over 16 pounds at 2 years of age, one made 22.59 pounds at 2 years, 2 months; another made 28.56 pounds at full age. A granddaughter made 34.56 pounds at 4½ years. She was sired by Johanna Rue 2d's Paul De Kol and is a daughter of Netherland Bessie. Bred and owned by C. A. Schroeder & Sons.



BESSIE DE KOL RUE 48766.

A. R. O. 20.54 pounds butter in 7 days at 4 years, 1 month. A daughter of Netherland Bessie by Johanna Rue 2d's Paul De Kol and the dam of Bessie De Kol Rue 2d, the first junior two-year-old to make over 20 pounds in 7 days, making 22.6 pounds, world's record nearly two years. Bred by C. A. Schroeder.

In the up-building of Cedar Lawn herds, Sir Johanna De Kol was the great factor. He was, himself, a strongly line breed bull, exhibiting all the Johanna characteristics in their most pronounced form, and being strongly line bred, he was strongly prepotent and transmitted these characteristics unfailingly. His 51 A. R. O. daughters are proof of this. Among them are:

Johanna De Kol Van Beers, 40.07.

Bess ie De Kol Rue 2d, 22.6 at 2 years (former world's record).

Netherland Johanna Rue 6th 21.5 (former world's record.)

Cedar Lawn De Kol Johanna 25.8 at 2 years (former world's record). She is the only 25.8-lb. 2-year-old that has produced a 30.67-lb. 4-year-old; the only 25.8-lb. 2-year-old with a 24.5-lb. 2-year-old full sister, and furthermore, she has a full brother, one

NETHERLAND JOHANNA RUE 46877.
A. R. O. 17.96 pounds butter in 7 days; 5 A. R. O. daughters, dam of Netherland Johanna Rue 2d, A. R. O. 24.96 pounds in 7 days, 104 pounds in 30 days; Netherland Johanna Rue 6th, A. R. O. 21.53 pounds butter in 7 days at 2 years, 4 months, 83.31 pounds butter in 30 days at 2 years, 4 months. Full sister to Netherland Johanna De Kol and Bessie De Kol Rue. Bred by C. A. Schroeder.

of whose daughters is a 28-lb. 3-year-old. It was the dam of this cow that was selected as a model at the University of Wisconsin exhibition.

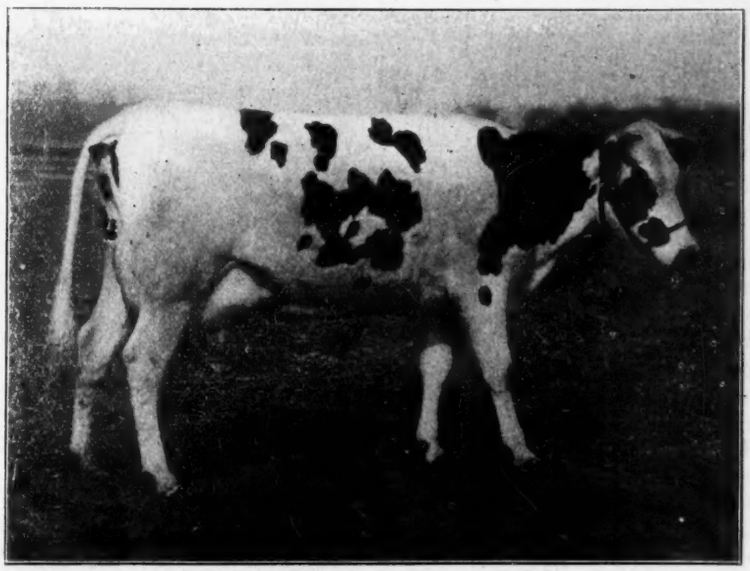
In summarizing we find the following points in which Cedar Lawn herds excel:

1. They combine the largest number of line bred Johanna cows of any herd in the country.

2. No other herd contains as large a percentage of the blood which produced Johanna De Kol Van Beers.

3. They rank among the very foremost in point of size, ruggedness, conformation, capacity, dairy temperament, prepotency and uniformity.

It would be well worth the time of any breeder to visit Cedar Lawn Farms and it would be an enjoyable occasion for the Schroeders are most hospitable people, also "live wires." Mr. C. A. Schroeder sends all of his boys to the agricultural college and then starts them out with a fine bunch of Johanna cows and they make good. Walter Schroeder is well known throughout Wisconsin, having been former president of the state Holstein-Friesian Association and a speaker at numerous farmers' gatherings.



BESSIE DE KOL RUE 2D, 79374.
A. R. O. record 22.6 pounds butter in 7 days at three years, four months of age; world's record when made. A. R. O. 88.65 pounds in 30 days at same age; dam of Cedar Lawn Bessie; A. R. O. 22.2 pounds butter in 7 days with first calf. Bred by C. A. Schroeder & Sons.

NETHERLAND JOHANNA DE KOL 3RD 73311.
A. R. O. 24.76 pounds butter in 7 days at 3½ years. Semi-official 554 lbs. butter in 1 year at 2 years, 5 months. A full sister to Netherland Johanna De Kol 2d. 2 A. R. O. daughters. Bred by C. A. Schroeder & Sons.

LIVERPOOL SALE & PEDIGREE COMPANY

Mr. C. G. Brown,
Editor H.-F. World,
Ithaca, N. Y.
My Dear Brown:—

I have read with interest all you and Hastings have had to say about the reorganization of the Editorial forces of the World and I wish to congratulate you all. Such additions to your Editorial forces are sure to be a great help in boosting the World to that high position it deserves, providing, of course, you and Hastings do not devote too much of your time and energy in determining which of these new men shall hold the best position in your organization.

In this connection I would say that the Liverpool Sale & Pedigree Co. has recently been reorganized. Hereafter Mr. Arthur Hart Stevens will be the general manager. (there is no one to dispute his claim to the title.)

Mr. Stevens is a lifelong resident of the Women's and Children's Hospital, Syracuse, N. Y., having been born there just as the whistles were blowing Friday morning, March 26, 1915 and we are looking for great things from him. While he lacked one-half ounce of eight pounds, we do not consider this a serious drawback as it is well known that not all great men were large in stature. Mr. Stevens sends greetings to his friends at Madison and Lacona and extends to them a hearty invitation to call on him when in Liverpool or vicinity.

With best wishes,
G. H. Stevens.

The *World* congratulates Mr. Grant Stevens and the L. S. & P. Co.

AN OLD ARABIAN PROVERB

He who knows and knows that he knows, is wise; follow him.
He who knows and knows not that he knows, is asleep; awaken him.
He who knows not and knows not that he knows not, is a fool; shun him.
He who knows not and knows that he knows not, is a child, teach him.

MERCEDES ATHENIA INKA DE KOL 72761.
A. R. O. 25.39 pounds butter in 7 days at 4 years. 3 A. R. O. daughters:
Cedar Lawn De Kol Johanna A. R. O. 25.8 pounds butter in 7 days, at 2 years, 2 months of age.
Cedar Lawn Beauty, A .R. O. 246 pounds butter in 7 days, 98 pounds butter in 30 days at 2½ years of age. 2 A. R. O. sons. She was selected as a model, to represent the breed at the University of Wisconsin during the Farmers' Course in 1913.
Cedar Lawn Jewel, A. R. O. 18.15 pounds butter in 7 days at 2 years, 7 months.
Owned by C. A. Schroeder & Sons.

CEDAR LAWN DE KOL JOHANNA NO. 113565.
A. R. O. 25.8 pounds butter in 7 days at 2 years, 2 months. World's record 1910 to 1912. Semi-official 16905 pounds milk, 707.9 pounds butter in 1 year at 2 years, 2 months. Dam of Cedar Lawn De Kol Johanna 2d, A. R. O. 30.6 pounds butter in 7 days, 121.4 pounds butter in 30 days at 4 years, 7 months. Semi-official 361 pounds butter in 100 days. Also dam of Cedar Lawn Champion, the premier sire at Cedar Lawn Farms.
Bred by C. A. Schroeder & Sons.

TESTS IN PROGRESS IN WISCONSIN

Following is a list of supervisors engaged in conducting official tests of Wisconsin Holsteins with the name of owner in each case:

S. C. Bathum—E. C. Peebles, Peebles.

I. Blood, Jr—A. L. Williams, Fond du Lac.

M. R. Carlson—Truttschel Bros., Sheboygan Falls.

C. Coddington—Pabst Farm, Oconomowoc.

Joe Craemer—L. E. Moh, Granton.

Fred Daebel—Lauritz O. Larson, Elroy.

S. L. DeSmidt—Joseph Stein, Cleveland.

David Elliott—L. V. Garvens, Brookfield.

H. L. Ellis—J. H. Henderson, Elkhorn.

L. S. Fawcett—W. J. Gillett & Son, Rosendale.

John C. Hays—Stephenson Farm, Kenosha.

J. C. Howser—Carl Muth Dairy, Sheboygan.

Grover Kennedy—Charles P. Barker, Chippewa Falls.

A. W. Knott—Harvest Farms, Mayville.

Aug. K. Luebke—John Puls, Hartford.

W. T. Meyer—Tennies Sebion, Westby.

Stephen Nash—A. F. Schmidt, Arpin.

E. F. Oeldrich—H. W. Betry & Son Berlin.

A. H. Parrott—Everson Bros., Lake Mill .

Chas. S. Pettis—Dr. David Roberts, Waukesha.

Arthur Puls—L. A. Wiese, Algoma.

Walter Rasmusson—J. W. Cooper, Whitewater.

David Rock—Charles Backhaus, Kewaskum.

F. M. Sharp—Dr. H. B. Favill, Lake Mills.

C. C. Totman—Reuben Klofanda, Racine.

S. Van Kooy—Nathan Dickinson, Lake Geneva.

C. Van Vuren—Wisconsin Consistory Home Assn., Dousman.

H. A. Weymouth—Harry Keach, Glenbulah.

M. H. Weymouth—John Steele, Oconomowoc.

C. J. White—Rust Bros., West Allis.

A. C. Wollin—W. H. Jones, Juneau.

Roy T. Harris.
In Charge of Official Dairy Tests.

———o———

"I enjoy your paper very much and would not try to raise Holstein-Friesians without it."—A. W. Newman, Wyalusing, Pa.

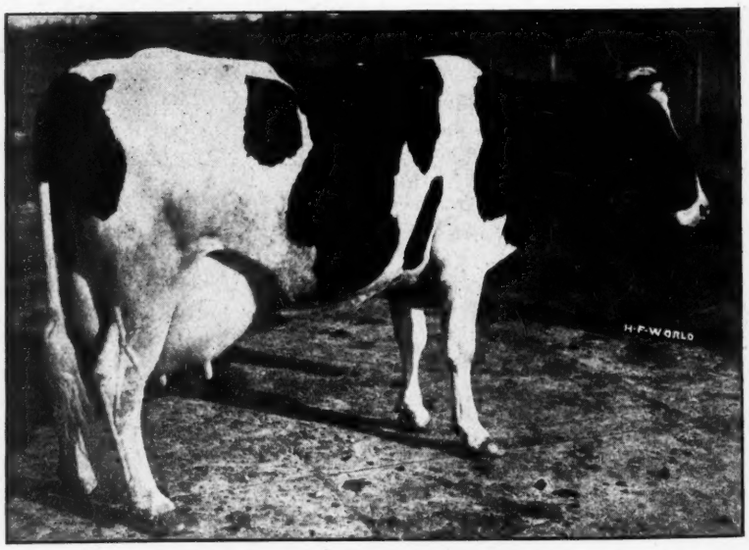
Field Notes

The series of articles by Mr. Chadwick Gerow will be taken up again in the next issue and continue throughout the year. The articles by him on the World's 7-day Milk Record Cows are of particular interest due to the fact that these champion milk-producers have never before been grouped together and made the subject of special articles as he is doing it.

* * *

Delavan, Wis., Apr. 3, 1915.

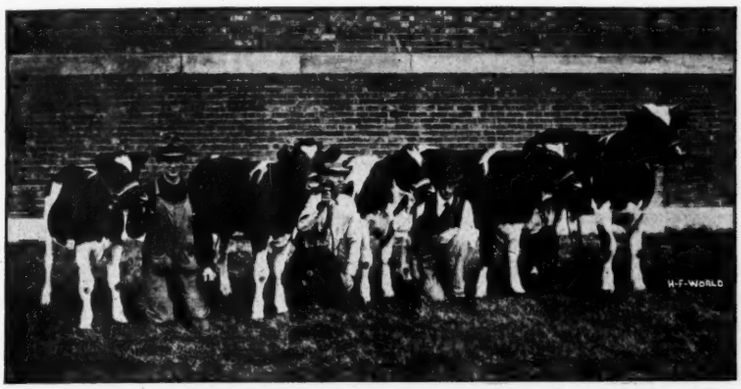
"I am advised by preliminary reports that the Holstein-Friesian cow Mable Segis Korndyke 161784 has broken the record for fat production in the junior four-year class of the thirty-day division, by producing in thirty consecutive days 135.546 lbs. fat 2,664.6 lbs. milk. She freshened at the age of 4 years, 2 months, 14 days. Her sire is King Segis De



CEDAR LAWN JEWEL 153289
A. R. O. 18.15 pounds butter in 7 days at 2 years, 7 months of age. Full sister to Cedar Lawn Beauty and Cedar Lawn De Kol Johanna.
Bred and owned by C. A. Schroeder & Sons.

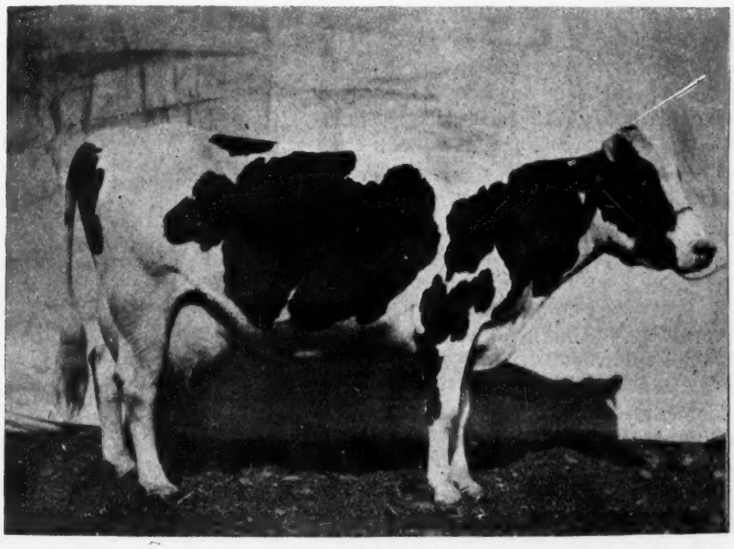
NETHERLAND JOHANNA RUE 6TH 79375.

A. R. O. 21.53 pounds butter in 7 days at 2 years, 4 months; second highest record for age when made. A daughter of Sir Johanna De Kol. Bred by C. A. Schroeder.



NATIONAL DAIRY SHOW HERD.

Daughters and grand son of Sir Johanna De Kol. This group contains: Junior champion heifer, 1st prize get of sire and 1st prize calf herd at National Dairy Show. Bred and owned by [illegible]



COLANTHA 4TH'S JOHANNA 48577.

Semi-official year records; butter 1247.82; milk 27,432.50. Sister to Sir Johanna De Kol and dam of Cedar Lawn Champion. Bred and developed by W. J. Gillett & Son, Rosendale, Wis.

Kol Korndyke 56110; her dam is Cassie Koningin Pietertje De Kol 61054. She was bred by Mr. E. S. Hatch, Danbury, Connecticut; and she is now owned by Mr. E. C. Brill, Stewartsville, New Jersey. She displaces Fairview Rag Apple De Kol 166790, whose record for 30 days is 117.587 lbs. fat from 2,215.8 lbs. milk.—Malcolm H. Gardner, Supt. A. R.

* * *

Delavan, Wis., April 12, 1915.

"I am pleased to be able to report that the Holstein-Friesian heifer Finderne Mutual Fayne 183215 has broken the record for fat production in the junior two-year class of the semi-official yearly division, by producing to March 31st in 303 consecutive days 803.379 lbs. fat from 18,811.3 lbs. milk. She freshened at the age of 2 years, 3 months, 13 days. Her sire is King Hengerveld Aaggie Fayne 56635; her dam is Finderne Hengerveld Mutual 128868. She was bred by Mr. Bernhard Meyer, Finderne, New Jersey; and she is now owned by the Somerset Holstein Breeders' Company, Sommerville, New Jersey. In the junior two-year class of that division she displaces Lady Paul Livardy 3d 166035, whose record for 365 days is 737.36 lbs. fat from 20,936.7 lbs. milk. Finderne Mutual Fayne has yet 62 days to run before completing her record. Six different supervisors have so far been employed in the conduct of this test.

Malcolm H. Gardner, Supt. A. R.

* * *

Washington, D. C.

An order effective April 5, is the first of the various quarantine orders for foot-and-mouth disease which adds no new territory to the quarantined area and consists entirely of modifications because of improvel conditions. In connection with the fact that for a brief time on April 1 there were no animals in the United States known to have the disease this is regarded as significant evidence of satisfactory progress in the campaign. It is also pointed out that Michigan, the State in which the epidemic started and which has suffered a loss of 7,799 animals, is believed to be entirely free from the disease. All territory in the State is now included in the restricted area, for which the regulations are the least stringent of any of the four classes in the quarantined area. No territory east of the Mississippi and north of the Tennessee-Virginia line is entirely free from quarantined regulations.

* * *

E. H. Foster, Barton, N. Y., writes: "Inclosel please find check for $1.00 to renew my subscription to the World. Cannot do without it."

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Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.
If photographs are sent, cuts will be charged for at cost price.
All matter for publication in the Western Edition must be received by the Saturday preceding date of issue
Advertising rates sent on application.

Boosting the World
Boosts the Booster

Editorials

A Reminiscence. In reading the article on Belle Korndyke in the March 27th World certain incidents connected with the making of the six months record of Korndyke Queen De Kol, the famous daughter of this famous cow, were recalled.

At this time, 1902, the senior editor was superintending tests for the Cornell Agricultural College and was detailed by Prof. H. H. Wing to take charge of this test which was being conducted by Henry Stevens & Sons at Brookside Farms, Lacona, N. Y.

This test was commenced on June 23. The Association had, at their annual meeting, June 4th, authorized the offering of prizes for 30-day and six-months tests and had appropriated the sum of $1,000 to be so used. We think the test of Korndyke Queen De Kol was the only six-months test conducted under this special provision, while the 30-day test became very popular. The discussion regarding this provision can be found in the Herd Book, Vol. 20, pages 79 to 91 inclusive.

We remember that we continued on this test for a period of about three months, having been preceded by Professor H. A. Hopper and D. C. Stanion. We also remember that this cow was not an especially heavy feeder, about 18 pounds of condensed feed being her limit. She did not take kindly to roots of any kind, but had an especial liking for cabbage, which was given her freely in addition to ensilage. Her record for the 182½ days, as all may know, was 9,859.4 lbs. milk, 437 lbs., 0.7 oz. butter.

At this time the firm of Henry Stevens and Sons, consisted of Henry Stevens, Ward H. Stevens and Ralph Stevens. Floyd Stevens, the surviving member of the firm of Henry Stevens & Son, was then we believe taking a course in engineering at Cornell University. E. M. Hastings, now a member of the Holstein-Friesian World Company, was serving as private secretary of the then existing firm.

The following year, 1903, we were again detailed on a test at Lacona, which lasted for some weeks. It was during these official visits that the idea of founding a semi-monthly Holstein-Friesian journal was conceived. At that time there was beginning to be voiced a demand for a journal to be published oftener than once a month. This growing demand we decided to attempt to supply and on January 1, 1904, the Holstein-Friesian World, E. M. Hastings and C. G. Brown, editors, began its semi-monthly appearance. In February Mr. Hastings retired from the firm, the writer becoming sole editor. Subsequent changes are familiar to nearly every reader. However, the growth for a 16-page semi-monthly in 1904 to a 48-page weekly in 1915 must be conceded by all a worthy achievement.

One of our weaknesses of this period of 1902-3 was a love for the game of chess, and we remember that we had not been at Lacona long until we were daily, or nightly, indulging in this pastime with either Ralph Stevens or E. M. Hastings, who were rated some players. It was finally suggested that as Floyd Stevens was champion player of the neighborhood, I ought to play him. However, we never seemed to get at it until one day, being in the Brookside office someone proposed a game and we were soon battling as strenuously as the Allies and the Kaiser. I do not recall who won first victory, but I considered myself very fortunate, when my time soon came to leave Lacona, to have four games to my credit out of eight played.

I have since reformed and my chess days are little more than a reminiscence.

Abnormal Fat Tests In the literary warfare against abnormal butter fat tests, Mr. F. M. Avery of Auray Farms has been doing noble work through the art of poesy. The arguments expounded by this means have been most convincing of the falacy of any breeder attempting to force cows to large records by what are obviously abnormal butter fat tests. Whatever is abnormal is a menace.

We can congratulate ourselves for one thing—there is too much right down plain, everyday common sense among the Holstein-Friesian breeders to ever allow any fallacy of this kind to become general or to greatly injure the breed. Very recently the welfare of the breed was threatened by malignant colorfadism, a sort of mania for white animals, but literary champions wielded the pen so forcibly and persistently that the danger has been relegated to the junk heap and can no longer be considered as even a menace.

The same fate is bound to come to this threatened strife for abnormal butter fat tests. The wise will take heed and avoid this pit-fall; the normal characteristics of the Holstein-Friesian breed must be preserved if the popularity of the breed is to continue.

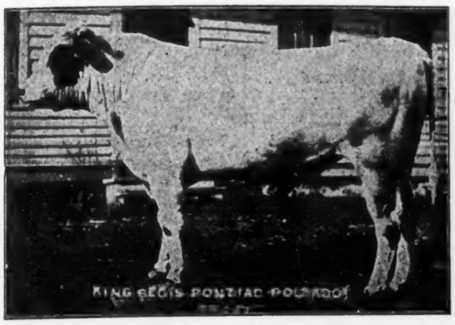
There are plenty of men to champion the cause—let the good work go on.

THE FARM BOY'S CREED

"I believe that the country which God made is more beautiful than the city which man made; that life out of doors and in touch with the earth is the natural life of man. I believe that work with nature is more inspiring than work with the most intricate machinery. I believe that the dignity of labor depends not on what you do but how you do it; that opportunity comes to a boy on the farm as often as to the boy in the city; that life is larger and freer and happier on the farm than in the town; that my success depends not upon my location, but upon myself; not upon my dreams, but upon what I actually do; not upon luck, but upon pluck. I believe in working when you work, and in playing when you play, and in giving and demanding a square deal in every act of life."

King Segis Pontiac Polkadot 75347

By I. S. Brown.



(For interesting description of how this young sire came into the possession of F. J. Bristol & Sons Company, Oakfield, Wis., see the page advertisement in this issue.)

King Segis Pontiac Polkadot has a most fortunate combination of breeding—without effort on his part, his value grows daily. All of the large records made the past year have added to his worth. He cannot help it; in his veins courses the blood of King Segis, of King of the Pontiac and Pontiac Korndyke, of Alcartra Polkadot and Duchess Ormsby. These are all popular blood lines of the breed and when we trace out their descendants we find ourselves, face to face, with champions at every turn. There are so many, it is impossible to mention them all here.

In the first place, King Segis Pontiac Polkadot is a full brother in blood to King Segis Pontiac Alcartra, the $50,000 bull, both having the same sire and their dams, K. P. Polkadot and K. P. Alcartra, being full sisters. This one relationship, alone, must add a fortune to his value, as King Segis Pontiac Alcartra, as is well known, has a greater assurance of fame than any other sire ever had.

His sire, King Segis Pontiac, has been termed the sire of more high-priced sons than any other bull of the breed. Included among his sons are King Segis Pontiac Alcartra and King Segis Pontiac Chicago.

His dam K. P. Polkadot, was counted on by the Stevens Brothers for a 45-lb. record had she not lost part of her udder. As it was, she made 24.25 lbs. butter from practically two teats.

His two grandsires are King Segis and King of the Pontiacs. It is impossible to add anything to the fame of these greatest sires of the breed by anything we can write. King of the Pontiacs is still at his old stand grinding out champions—remember his is sire of the only 44-lb. cow.

His granddams are Pontiac Clothilde De Kol 2d and Alcartra Polkadot Ormsby. Pontiac Clothilde De Kol 2d, a daughter or Pontiac Korndyke has often been designated as the greatest cow of the breed, having a record of continuous achievement approached by no other cow. She was the first 37-lb. cow and the first cow to produce 1,000 pounds butter fat in a year.

Alcartra Polkadot Ormsby is a 31.25-lb. daughter of Duchess Ormsby Piebe Burke and Alcartra Polkadot.

The fame of Alcartra Polkadot is far reaching. "Every year she was tested her name appears in the Holstein-Friesian Association Prize list; three times first, once second, twice third, once fourth and once ninth—her entire winnings being $275.00, a showing surpassed by but two other cows." She is the dam of Alcartra Polkadot Corrector, sire of Tilly Alcartra, the champion milch cow of the world in semi-official yearly test, the first to pass the 30,000-lb. mark.

Duchess Ormsby Piebe Burke is sire of the latest 40-lb. cow, Sadie Vale Concordia 4th, the first cow to produce 25 lb. butter in seven days with first calf. She is a mammoth individual, weighing 2,075 lb. before her last freshening. Her dam is Sadie Vale Concordia, the first 30-lb. cow of the breed. She has four A. R. O. daughters and five A. R. O. sons. One son, Paul De Kol Jr. is sire of Creamelle Vale, former world's champion milk producer before Tilly Alcartra and grandsire of Grace Fayne 2d's Homestead, the first 35-lb. cow and Lady Longfield 4th's Homestead Lass with 30.04 at 3½ years, a world's record when made.

Another son, Paul De Kol 3d, is grandsire of Riverside Sadie De Kol Burke, champion milk-producer of the world for two consecutive years, and Mona Veeman, lately reported having a 37-lb. record.

The dam of Duchess Ormsby Piebe Burke is Duchess Ormsby, foundation cow of the Ormsby family, and here, again, we have opened up before us a host of champions. Duchess Ormsby Piebe Burke is sire of Bloomingdale Hengerveld Ormsby, 31.46 at 3 years, and K. P. Alcartra, 30.87 at 3½ years, both world's records when made.

One daughter, Duchess Ormsby 2d, is granddam of Pietertje Maid Ormsby, 35.56 in 7 days and 145.66 in 30 days (world's record when made) and Gracie De Kol Ormsby 30.34.

And so it goes. The owner of King Segis Pontiac Polkadot can glory in records and blood lines to the highest and feel that it all adds to his pocketbook and his prestige as a breeder. Many are the brothers and sisters of King Segis Pontiac Polkadot and great is their producing ability.

King Segis Pontiac Polkadot will not long have to depend for recognition upon his relatives for he has a superb bunch of sons and daughters, soon due to freshen and who will work for him and then, we will be lauding him for his own producing ability. This young sire has a future with the best of them.

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HOME PRODUCTS

Far be it from us to knock Arkansas, but one of its own newspapers, the Arkansas Democrat, thus states the case: "He gets up at the alarm of a Connecticut clock, buttons his Chicago suspenders to Detroit overalls; washes his face with Cincinnati soap in a Pennsylvania pan; sits down to a Grand Rapids table; eats Chicago meat and Tennessee flour, cooked with Kansas lard on a St. Louis stove; puts a New York bridle on a Kentucky mule fed with Iowa corn; plows a farm covered by an Ohio mortgage with a Chaatanooga plow; when bedtime comes he reads a chapter from a Bible printed in Boston, says a prayer written in Jerusalem, crawls under a blanket made in New Jersey, only to be kept awake by an Arkansas dog—the only home product on his place? But surely it can't be quite as bad as all that. Are there no Arkansas babies?

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"I would not be without the World for anything."—J. H. Henderson, Elkhorn, Wis.

* * *

"The World is truly a good investment to me."—L. M. Freeman, Zumbrota, Minn.

* * *

"I could not raise Holsteins successfully without the World."—W. H. Bates, Niangua, Mo.

Buying, Selling, Testing, Registering, Transferring and Shipping Live Stock

NO. II.

By G. H. Truckell.

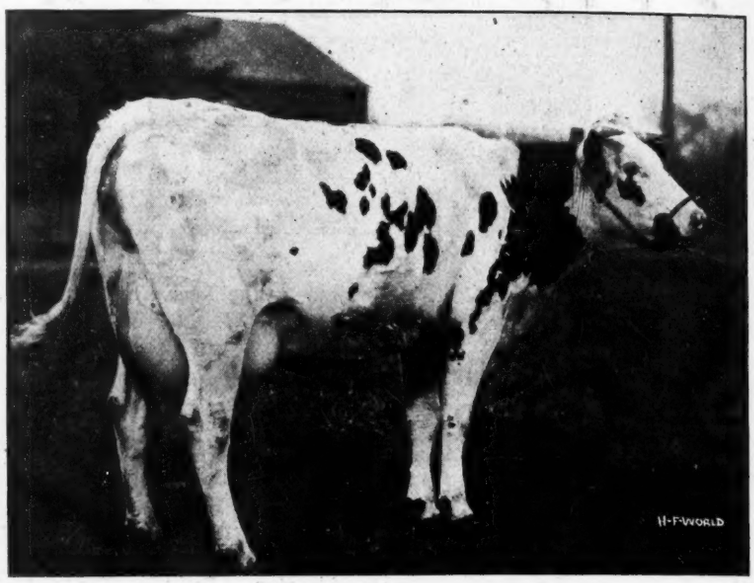
Before the young breeder ships the animal he has raised and sold it will be necessary to get the color markings in order to fill out the registry application. Blanks for this purpose can be obtained free from the Association secretary, Mr. F. L. Houghton, Brattleboro, Vt.

Tie the animal or have someone hold it. Then, with a soft lead pencil with eraser attached, carefully mark the outlines. You will probably spoil a few blanks before you get a sketch that really looks like the animal. The markings should substantially correspond. Pay particular attention to the legs, more of my sketches have come back because I did not designate where the white of the foot met the black of the leg than for any other cause. Mark the name of the dam in the place designated, especially if you are sketching a number of animals. When again at your desk, mark the outlines with ink and then you are ready to fill out the reverse side of the application blank. First the sex, then color, that is, whether black and white od white and black, giving the predominating color first. Occasionally a Holstein-Friesian calf of unmixed pure-bred ancestry will be red and white. This is probably due to the fact that in Holland there are or have been, both red and white and black and white cattle in the same herds, and that somewhere, away back in the ancestry of such calf, there has been a red and white ancestor and the little animal has reverted or thrown back to such ancestor. Animals with other colors than black and white in varying proportions are not eligible for registration in the Holstein-Friesian Herd Book.

Next give names and numbers of sire and dam both on the body of the blank and in the service certificate, these of course, are obtained from the Registry Certificates of the sire and dam.

In regard to naming, have a herd or farm name. Then every animal you breed will advertise you and your herd. Start with your herd name. In making up the other name or names, keep within the families, that is, don't use the name Segis when there is no Segis blood in the pedigree apparent to anyone not a pedigree expert. Use short names, don't try to use all the thirty letters the rules allow. One way meeting with considerable favor is to name all the daughters of one bull some part of his name and then another taken from elsewhere, probably from the dam's side of the pedigree. If your bull is of the Johanna strain, and you call your herd Starknoll then use Starknoll Johanna Mabel, Starknoll Johanna Pet, and so on. Your next bull may be of Korndyke ancestry, then use Starknoll Korndyke Sara, etc. Using a herd name has many advantages and brings the names of your animals together in the herd book index and the lists of A. R. O. cows in the Blue Books.

Next comes the signatures. If you have bred the animal yourself this part is easy, you sign as breeder, owner of dam when the calf was

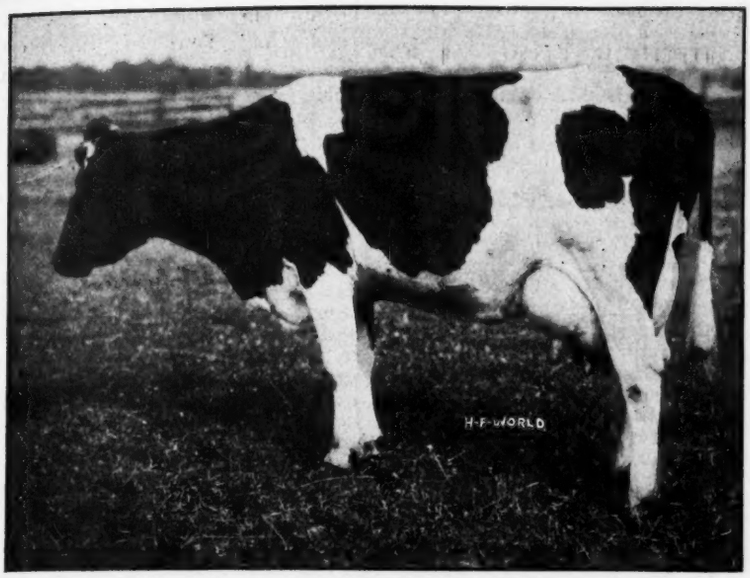


CEDAR LAWN ORMSBY 163478.

A. R. O. 16.42 pounds butter in 7 days at 2 years, 4 months of age. A daughter of Sir Hengerveld De Kol Ormsby and Netherland Johanna Rue 2d. A. R. O. 24.96 pounds butter in 7 days. Bred and owned by C. A. Schroeder & Sons.

CEDAR LAWN QUEEN 143225.

A. R. O. 21.55 pounds butter in 7 days at 3 years, 3 months. A ¾ sister to Cedar Lawn De Kol Johanna 2nd. A. R. O. 30.6 pounds butter in 7 days and 121.4 pounds butter in 30 days. Sired by Sir Hengerveld De Kol Ormsby who was the full brother to the sire of Pietertje Maid Ormsby A. R. O. 35.55 pounds butter in 7 days, 145 pounds butter in 30 days. Bred and owned by C. A. Schroeder & Sons.

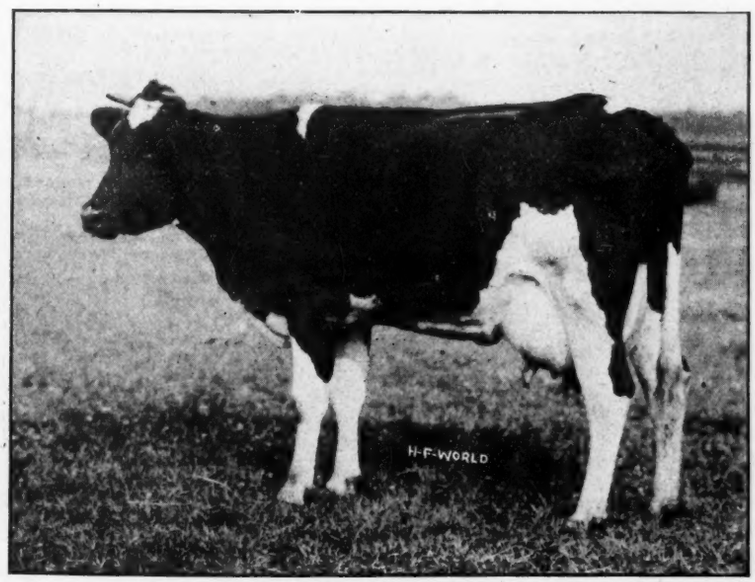


JOHANNA PAULINE PAUL 95528.

A. R. O. 26.547 pounds butter in 7 days at 3 years, 3 months of age. A. R. O. 19.46 pounds butter in 7 days, 8 months after calving at 3 years, 3 months of age. The latter was world's record 4 years. She is a granddaughter of Sir Johanna De Kol and Bessie De Kol Rue. Owned by C. A. Schroeder & Sons.

dropped, and owner of sire at time of service. If you are not the breeder you must send the application to the proper party for his signature. Do not sign any other fellow's name anymore than you would to any other legal paper. See that the dates of service and birth correspond. It sometimes happens that a dam has bred after she was pregnant and the calf is produced from the previous service. In the case of a calf prematurely born, either mark the fact on the application or write the Secretary, otherwise he has no choice but to send back the application for further information. Finally, when all else is right, compare the sketches with the animals and, if correct, sign and date the Owner's Certificate of Comparison, which you will find on the same side as the color sketch. Personally, I never could see why this should not be the name of the party making the sketch, but it calls for the owner's signature.

In transferring, the process is simpler. First is the seller. If the animal is transferred to you, or registered by, say, John A. Brown, sign John A. Brown, not J. A. Brown or Jack Brown. Here is where a little pains may make a great deal of difference in future work. When you purchase an animal and get the transfer certificate, see that your name is on it as you wish to sign it. If it is not correct, send it to the Secretary with a letter of explanation, and he will gladly make it right—it will save work for his office in future transactions. Everything else on the transfer blank is simple with the exception of Date of Sale and Date of Delivery. The date of delivery is when the new owner receives the animals and is taken by the Association as the real date of sale. This causes confusion when a female is bred between the date of selling and the date of delivery. The Secretaries of the various Associations are agreed, I believe, that the present way lessens work for them and avoids more confusion than if the other was practiced, and the American Jersey Cattle Club, so their Secretary Mr. Gow told me, has tried both ways.



CEDAR LAWN JOHANNA INKA 110919.

A. R. O. 21.525 pounds butter in 7 days at 2 years, 6 months of age. She is a granddaughter of Sir Johanna De Kol and Mercedes Athenia Inka De Kol. Bred and owned by C. A. Schroeder & Sons.

If you are not already a member of the Association, get an application blank, and some member of the Association to recommend you, and send to the Secretary with the membership fee, $25. Your application will be acted upon at the next meeting of the Board of Officers, but meanwhile, you will be allowed to register and transfer at members' fees, which are half those charged non-members. You will soon get your $25 back in the reduced fees. Then too, you can obtain the Holstein-Friesian Advanced Register Year Book, or Blue Book at a lower price than can a non-member. This book gives the Advanced Register or milk and butter records of all animals tested each year, and also lists of A. R. O. cows under both sire and dam and many other items of interest to breeders and personally, I consider it a necessity to any breeder of Holstein-Friesian cattle.

Send the application blanks and fees to the Secretary, whose name and address appears on every blank, and do it right away. The new rules require the transfer to be filed within ten days of date of sale, and while this may seem unnecessary, more trouble has been caused by slack transferring than any other one thing in the selling and recording of animals.

When certificates are issued, they are sent to the applicant for purposes of comparison, and if incorrect, should be returned to the Secretary at once, otherwise sent on to the purchaser.

P. S.—Pasture Service: Where the bull is allowed to run with the cows, either in pasture or yard, and the exact date of service is not noted a special form has to be filled out and attached to both registration and

transfer blanks. These are very simple and say that the bull so and so ran at pasture from such a date with the cow, her name and number, and that no other bull had access to this cow. This form has to be signed by the owner of the bull.

Breeders' Bulletin Board

Liverpool Sale & Pedigree Co., Inc., writes:

To the late S. D. W. Cleveland we are indebted for the main part of our A. R. O. test book. The heading to the pages we have changed. The supplement has in substance been used by the writer for the last eight years but never until this spring has it been put in printed form for the use of the public. This supplement explains the method employed to find, at any specific age, the requirements of butter fat necessary to admit the animal to Advanced Register. When an animal is first put on test or later has an extra good day or milking, it is very convenient to know approximately the gait she is running. With this in mind a few years ago the main part of this supplement was devised. This figures in round numbers the rate of butter per week at which an animal is running, considering the fat for a week, a day or even a milking when the animal is milked four times a day. Time nor expense has been spared to improve this A. R. O. test book and it is surely gratifying to learn from our customers that "it is the best on the market," "something no breeder can afford to be without" and many other excellent recommendations.

F. J. Bristol & Sons Co., write:

We are consigning to the Lake Mills Sale to be held at Lake Mills, Wis., May 5th and 6th 1915, King Segis Pontiac Polkadot, 4 of his sons, 6 of his daughters, 20 cows and heifers bred to him, a 21 lb. 3 yr. old daughter of King of the Pontiacs safe in calf to King Segis Pontiac Polkadot, 7 grand daughters of Johanna McKinley Segis all bred to King Segis Pontiac Polkadot, 11 daughters of Korndyke Hengerveld De Kol 40273, a daughter of King Pontiac Asia heavy with calf to a good son of King Segis Pontiac Polkadot, 4 daughters of Korndyke Hengerveld Artis 61130, a bull with a lot of thirty pound backing, a daughter of the 30 lb. cow Bessie De Kol Abbekerk by Riverside King Segis, a male calf born Sept. last from a splendid daughter of Johanna McKinley Segis sired by King Segis Pontiac Polkadot, a yearling bull by King Segis Pontiac Polkadot from a 20 lb. 3 yr. old daughter of Korndyke Hengerveld Artis second dam an 18.34 lb. 2 yr old daughter of Johanna McKinley Segis.

M. F. Peck & Sons, Marshall, Wis., write:

We will consign to the Lake Mills Holstein Sale four daughters of King Pontiac Asia 58042 who is proving himself to be one of the best sires of the breed. He already has one 27 lb. three-year-old, a 25.94 lb. four year old, a 22 lb. three year old, a two-year-old daughters whose records average 15.5 lbs. The animals consigned are: Alvina Woodland 2d 212517, 17 lb. at two years, a daughter of a 20 lb. cow, Green Vale Pontiac Pietertje 201011, 13.8 lbs. at 2 years, Green Vale Pontiac Dorathy 237013 a daughter of a 21.47 lb cow by Sir Johanna De Kol 12th 43305, a heifer calf from a 20 lb. cow. The first three heifers are bred to Peter Colantha Lyons No. 138832 a young bull with a combination of breeding that is hard to beat. Will also consign three cows bred to King Pontiac Asia, viz: Alvina Woodland 140982, 20 lbs. at 4 years; Neta Woodland De Kol 1520491, 21.5 lbs., and Eliza Pietertje Geneva 142513.

R. E. Chapin & Son, write:

Sales of bulls from Bonalevo Farms this week include three sons of Maike De Kol Prince, a bull from which more will be heard in the future. One out of a 20½ lb. cow went to Mr. Chas. Winters of Attica, N. Y. The dam is a very fine dairy cow, a heavy and persistent producer, and is strongly bred on both sides in the De Kol strain.

Another bull out of a 19 lb. cow went to Mr. C. J. Lindsey of Attica, N. Y. The dam of this bull is sired by Paul Potter De Kol who is out of a 24 lb. cow, and by a son of Sarcastic Lad.

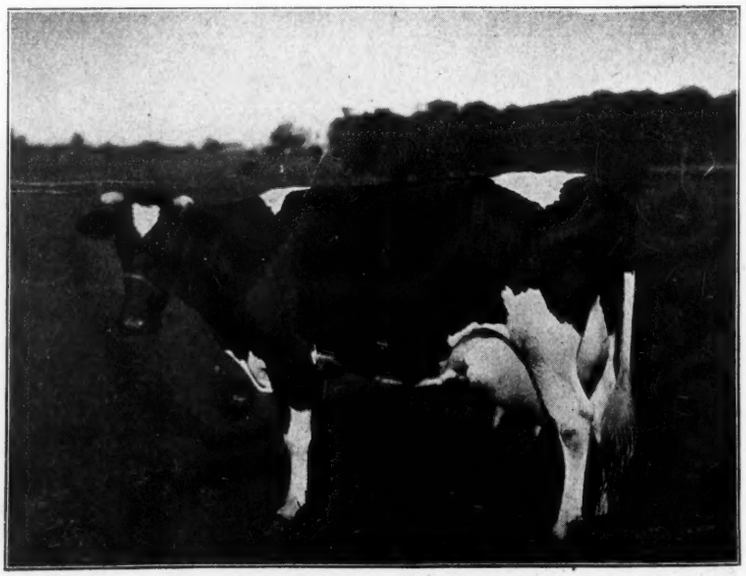
The other bull went to Mr. C. B. Bowen of Darien, N. Y., and is from a 3-yr.-old that made 16 lbs. of butter in seven days.

Maike De Kol Prince the sire of these three bulls has nearly fifty daughters in various herds, and while only four have been tested so far we believe there will be a great many more put in the A. R. O. list in the near future.

This makes eight bulls which we have sold within the past three weeks, and we have only two left that are ready for immediate service. Would advise any one that is in want of a young sire to write us at once before this spring's offerings are all taken.

Auray Farms, Sparta, N. J., write:

During the last few weeks the demand for pure bred cattle for new Jersey has been very good, probably because of quarantine regulations and the fact that breeders are willing to sell at home at very attractive prices. Recent sales from Auray Farms to New Jersey buyers include five head of females to Mr. Thomas Inslee of the Windy Brow Farm, Newton, N. J. This lot included two handsome daughters of our former Senior Sire Mutual Pietertje Paul and three young daughters of King Segis Pontiac Clorinda. These heifers are all immature—later on they will be bred to Mr. Inslee's fine son of Pontiac Aaggie Korndyke, purchased last year from Maplecrest Farm. Mr. Inslee controls two large Sussex county farms and is busily engaged in turning his large herd over from grades to purebreds, adding to his excellent foundation from time to time. Other recent sales include a son of King Segis Pontiac Clorinda who will succeed Pietertje Paul Paxton (son of Mutual Pietertje Paul) at the head of the herd of Mr. J. Ross Washer at Sparta, N. J. Mr. Washer has also purchased Genesta Artis Clothilde 2d a 5 year old show cow to add to his foundation of fine bred stock. Last week Mr. C. Spangenberg of Houses Corner, N. J. selected Clara Nichols De Kol 2d, a handsome A. R. O. granddaughter of De Kol Burke as a foundation cow for his initial start in purebreds—granddaughters of De Kol Burke should make good enough foundation cows for almost anyone. We are very glad in-



JOHANNA DE KOL WIT 61874.

A. R. O. 24.17 pounds butter in 7 days; A. R. O. 17.66 pounds butter in 7 days 8 months after calving. Semi-official 782.68 pounds butter in 1 year at 4 years. She carries 100 per cent the same blood as Johanna De Kol Van Beers, both sired by Sir Johanna De Kol and their dams were full sisters. Bred and owned by C. A. Schroeder & Sons.

deed to report that so far Sussex County has escaped even the slightest suspicion of hoof and mouth infection, for which we are most thankful.

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G. H. Truckell, Liverpool, N. Y., writes:

The Truckell Test Book and Certificate Envelopes are meeting with a steady and increasing demand and are pleasing breeders in all parts of the country. The following letter is one of the many favorable comments just received:

G. H. Truckell,
Liverpool, N. Y.

Dear Sir:—Your Test Book and Envelopes came all O. K., and I am very pleased with the same as I think they will fill a long felt want. The way they are designed will cover the work very well.—M. B. Stevens, Proprietor of Cloverleaf Stock Farm, Fremont, Mich.

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A. A. Hartshorn Holstein Co., writes:

We are pleased to report that the first daughter of King of the Black and Whites has produced 423.1 lbs. milk, 21.77 lbs. butter. Also his sister Colantha Hamilton at 3/3/19 has produced 586.3 lbs. milk and 30.51 lbs. butter. Her best days milk 88.3 lbs.

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Yes Sir, you can buy Holstein-Friesians in Iowa this year. The Waterloo sale was discontinued, but one is going to be held at Creston, Iowa on the main line of the C. B. & Q. Railroad, a point that is very easily reached from any section of the country, April 27th.

When you buy at this sale you will be getting cattle that are rich in the blood lines that have been most famous in this country and in Canada. You will buy cattle that will carry some of the greatest breeding from the standpoint of productive capacity; There will be stock rich in the blood of the Ormsbys, the De Kols, Colanthas and other popular strains. Here is a chance you will not meet again this season. One herd will be dispersed and two others will send very high class consignment. Notice the ad in another part of this paper.

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TOP NOTCH FARMERS

Rhinelander, Wis., April 14.—The last of the 22 county farm management demonstrations to be held in the state this year closed here today. The conference was well attended by Oneida County farmers who are anxious to learn from the experience of others operating under similar conditions and from the state-wide observation of those in charge of the work.

Frank McLaughlin, George Burkhardt, and William Olson of Rhinelander were chosen to represent this county at the state farm management contest to be held in June. The farms operated by these three men were given high rank because of the attention given by them to maintaining fertility, to keeping up the health of live stock, to improving home life as well as to securing net income.

The purpose of the work as explained by D. H. Otis of the University of Wisconsin, who directed the demonstration is to determine and demonstrate factors which make for success in farming.

"We have recognized the man who has produced the best horse, the best cow, the best grain," he said, "but we have never paid any attention to the man who exercises executive ability in dovetailing all the different enterprises together to make the farm pay a profit and at the same time maintain or increase the fertility of the soil, enjoy home life, keep up the health of his live stock, and maintain a good general appearance."

Those who are to represent their counties in the State Contest are:—Barron—W. H. Clark, Rice Lake, F. Krahenbull, P. L. Lehman, Barron; Dunn—Andrew Kolkind, Edward Hofland, O. T. Schultz, Menomonie; Eau Claire—G. F. Comings, N. H. Campbell, Eau Claire, Harvey Chrysler, Osseo, L. P. Martiny, Chippewa Falls; Fond du Lac—W. J. Gillett, Rosendale, A. W. and R. O. Hargrave, J. Hinz, Ripon, T. Wright, Waupon; Green—Ezra Blumer, H. W. Haberman, John Waelti, Monroe; Jefferson, W. A. Parsons, Fort Atkinson, Jesse Crump, Lake Mills; Wood—Jake Schmidt, Arpin, E. E. Butters, Marshfield, Mr. Keifer, Auburndale; Douglas—Carl Lovett, Foxboro, P. A. Peterson, Poplar, S. P. Carlson, Bennett; Forest—J. D. Grandine, Anton Rindahl, T. Starks, North Crandon; Landglade—Matt Dodge, H. Ralph, Adam Guenthnes, Antigo; Lincoln—Ralph Clark, Tomahawk, Emil A. Moos, Merrill, G. A. Patterson, Gleason; Oneida—Frank McLaughlin, George Burkhardt, William Olson, Rhinelander; Polk—G. F. Clark, Dresser Junction, George Dornbrock, St. Croix Falls, G. L. Anderson, Dresser Junction; La Crosse—S. L. Dudley, West Salem, E. A. Jones, Bangor, S. P. Markle, La Crosse; Rock—E. L. Benedict, W. T. Moore, Beloit, H. L. Ward, Avalon; Sauk—F. C. Kruse, Loganville, Wichern Bros., John Alexander, Baraboo; Racine—G. A. Cole. Lyons, W. B. Summer, Burlington, Prentice Warmington, Honey Creek; Waukesha—D. L. Williams, Baird Bros., S. L. Mann, Waukesha, H. N. Longley, Dousman; Winnebago—William Romberg, Allenville, Fred Busse, Omro, A. J. Cross, Allenville; Price—Nicholas Link, Phillips, Albert Roth, Prentice, Charles Layman, Phillips; Taylor—Gustaf Harder, Mrs. M. Wieg and Son, J. M. Zenner, Medford.

ABOUT WOMAN SUFFRAGE

A resolution proposing a Woman Suffrage amendment to the New York State Constitution passed the 1913 Legislature.

The vote was 40 to 1 in its favor in the Senate, and 128 to 5 in the Assembly.

The same resolution has recently passed unanimously both Houses of the 1915 Legislature.

The voters of New York State will have an opportunity to vote on the amendment next November 2, 1915.

The women of 11 States vote now on an equality with men. The women of Illinois vote for President, Municipal and County Officers. Four States will decide this question during the year of 1915. Is New York to lag behind in this important matter, or is it to have the benefit of the woman's point of view in the problems of good government?

The New York State Grange endorsed Woman Suffrage in February.

This is an action which the Granges from the Atlantic to the Pacific very generally are taking.

Few people realize how many women hire out on farms for field labor. In this country there are a million and a half women field workers, more than all the women dressmakers, milliners, women tailors, hat, cap, collar, cuff and shirt makers combined.

A rural editor of this state says: "There were approximately a million negroes working in the fields of the South when the Emancipation Proclamation liberated them.

We have broken the shackles off the negro and have welded them on our daughters."

The Northern farmer knows that he had to make headway against cheap slave labor once. He has to make headway now against cheap women labor. His insistence, through Grange action, that women be enfranchised, seems to suggest that he is making the connection between the industrial exploitation of women and the political disfranchisement of women. The National Grange, Patrons of Husbandry, has officially endorsed votes for women. In that great body of agriculturists women have had equal voting power with men for nearly half a century.

———o———

"To think kindly is good, to speak kindly is better and to act kindly is best."

* * *

"Be noble and the nobleness that lies in other men, sleeping but never dead, will rise in majesty to meet thine own."

INDIVIDUAL COW RECORDS PAY --SOME OTTAWA COMPARISONS

E. S. Archibald, Central Experimental Farm, Ottawa, in Farm and Dairy.

The slogan, "Production more than usual," is particularly applicable to dairy cattle in Canada, not only in the year 1915, but for all succeeding years. The dairy farmer has reached the crisis of producing milk at high cost and receiving little more, and often less, than cost for the same. Only two ways are open for the correction of this difficulty, namely: That the consumer appreciate conditions, and pay more for the milk, or that the farmers increase production at a lower cost. The increasing of production is necessary, not only from patriotic, international, and national viewpoints, but also, as dairy farmers, for our self-preservation. A great deal is being written regarding the subject of increased production, but little apparent attention has been given to the subject of more profitable production. Our most careful statistics show that at the present time fully thirty-three per cent of the cows in Canada are producing milk at a loss to the owner. This is due partly to the lack of dairy qualities in the cow and partly to the lack of intelligent feeding on the part of the farmer.

One of the surest ways of eliminating this vast waste of time and money is the keeping of individual cow records. During the past few years many Canadian farmers have adopted such methods. The Animal Husbandry Division of the Central Experimental Farm, Ottawa, has for years distributed free of charge co-operative milk and feed record forms. Many users of these records attribute their success to the knowledge of both the cows and the methods of feeding thus gained by keeping such records. Many of these farmers have more than doubled their production per cow in five years, due to the elimination of the "boarder" and the more economic feeding of the good cows. The profitable dairy cow must give at least five thousand pounds per year in order to show any profit over feed, labor, interest, and depreciation. Only by the weighing of each individual cow's milk can we hope to distinguish the protfiable from the unprofitable animals.

Good Foundation Stock for Breeding

Successful breeders of dairy cattle must devote all their attention to the development of good foundation stock, yet a majority of Canadian dairy farmers are losing money and wasting years in the handling of at least some poor foundation animals. Little time is necessary in order to make individual weighings of milk, spring balance scales are cheap and record forms are supplied free; yet it is all too evident that many farmers do not appreciate the value of such. Many types of forms are available to suit the size of herd or the individual methods of the farmer.

The work of the Cow Testing Associations of the Dairy Branch, Department of Agriculture, Ottawa, deals largely with the communities where a high percentage of the farmers are weighing their milk, while the Central Experimental Farm co-operative milk record work is aimed to assist individual farmers in any district where the more favorable methods are not available.

The Advantages Gained at C. E. F.

These same co-operative forms are used in the record keeping at the Central Experimental Farm and at all Dominion Government Farms in Canada. A few of the benefits from their use definitely proven on the Dominion Farms, are as follows:

(1) The weeding out of unprofitable cows. Many thousands of dollars have been saved on the Central Experimental Farm alone by the weeding out of all cows which will not leave a margin of profit over and above feed, labor, interest and depreciation. Even more money has been saved for the farmers purchasing foundation stock from these herds, since only males and females from

AYRSHIRES—190-1914 (10 years)										
Average of 3 best—10 yrs.....	315	8,930	3.94	449.4	121.20	2,507	56.92	63.7	13.6	64.28
Average of 3 poorest—10 yrs.....	296	5,218	3.93	240.3	69.43	1,949	45.44	87.6	19.0	23.99
Average of 3 best—1914.....	323	9,413	4.06	446.52	151.89	3,240	68.10	73.	15.2	83.79
AAverage of 3 poorest—1914.....	263	5,273	3.81	235.41	80.71	2,285	53.36	101.3	22.7	27.35
Best cow (Ottawa Kate)—1914....	395	12,262	3.9	563.17	192.35	4,275	84.88	69.2	15.1	107.47
Poorest cow (Jessie E)—1914.....	303	5,528	3.35	218.33	76.12	2,209	53.32	96.5	24.4	22.80
GUERNSEYS—1909-1914 (10 years)										
Average of 3 best—10 yrs.....	380	6,472	4.94	377.18	107.04	2,173	52.62	82.5	14.0	54.42
Average of 3 poorest—10 yrs.....	279	4,324	4.73	245.84	69.12	1,655	45.43	104.7	18.5	23.69
Average of 3 best—1914.....	671	8,506	5.10	511.57	169.46	3,570	90.10	104.9	17.4	79.36
AAverage of 3 poorest—1914.....	324	4,564	5.36	287.54	94.85	2,174	49.37	108.7	17.2	45.48
Best cow (A. Pearl)—1914.....	615	8,120	5.46	521.93	171.78	3,344	86.18	106.1	16.5	85.60
Poorest cow (A. Maid)—1914.....	388	4,450	5.48	287.01	94.43	2,460	58.46	131.4	20.4	35.97
FRENCH-CANADIANS—1904-1914 (10 years)										
Average of 3 best—10 yrs.....	306	6,868	4.54	366.05	104.25	2,161	50.01	73.7	13.7	54.24
Average of 3 poorest—10 yrs.....	271	4,134	4.08	196.95	58.11	1,782	45.76	110.3	23.9	12.34
Average of 3 best—1914.....	302	5,381	4.64	305.16	101.70	2,034	50.97	94.6	16.6	50.73
Average of 3 poorest—1914.....	351	5,236	4.79	269.54	89.87	2,262	59.85	122.7	21.7	30.02
Best cow (O. Blossom)—1914.....	273	4,584	5.32	287.04	94.70	1,714	42.51	92.7	14.8	52.19
Poorest cow (Inoquette 4)—1914...	325	4,977	4.69	275.05	91.92	2,298	62.77	126.1	22.8	29.15
HOLSTEINS—1913-1914 (2 years)										
Average of 3 best—10 yrs.....	365	12,981	3.53	541.36	187.28	4,039	81.83	63.3	15.2	105.45
Average of 3 poorest—10 yrs.....	397	10,800	3.34	428.39	149.25	3,375	76.07	69.9	17.6	73.18
Average of 3 best—1914.....	301	11,792	3.59	501.84	173.13	4,284	77.78	65.8	15.6	95.35
AAverage of 3 poorest—1914.....	402	10,698	3.38	430.54	149.69	3,795	82.26	75.7	18.8	67.43
Best cow (March)—1914.....	340	13,817	3.8	618.21	211.86	5,066	91.65	66.3	14.8	120.21
Joorest cow (Clothilde)—1914.....	338	6,437	3.46	261.86	90.91	2,167	52.04	80.9	19.9	38.87
JERSEYS—1914										
*Average of 3 best—1914.....	414	7,073	5.30	436.76	144.00	2,734	64.31	91.3	14.9	79.69
Best cow (Tister)—1914.....	508	9,567	5.37	604.65	199.32	3,741	85.15	89.	14.1	114.17
Poorest cow (O. Trail)—1914.....	354	3,870	6.66	303.37	98.14	2,121	51.07	132.	16.8	47.07

*Only 5 cows milking.

profitable producers have been sold. It is well to mention that some of the very promising individuals and the best looking cows have been eliminated as unprofitable. By feeding fewer head in which all were profitable greater gross returns and profits have accrued.

(2) Feed is saved. The feed bill to the dairy farmer is a most important question at the present time. By knowing the production of each cow, feed should be given proportionately. This means the occasioanl weighing of feeds, but this procedure is found highly remunerative. Many cows were more profitable on less feed per hundred pounds of milk production than were others.

(3) Better preparation of cows for lactation periods. The weighing of each cow's milk for each lactation period has shown a marked advantage in the thorough preparation of a cow or heifer for her succeeding year's work.

(4) The interest of the hired men in the individual production, feed bills, and profit from each cow in the herd immediately follows the starting of indivdual cow records. This interest would otherwise be lost as there would be no basis for comparison or calculation.

Comparison in Pure Breds.

Let me illustrate the difference in production of good and poor cows even in pure bred herds, with a few tabulated comparisons of the records at Ottawa. It must be remembered that only cows promising a profitable production were maintained in the herd and all were given the best possible care and feed for best results. Each breed is here given, not with the intention of making comparison between breeds, as this would be impossible owing to different ages of herds, dates of calving, etc., but rather to illustrate the value of record keeping within each herd. In the following tabulations attention is drawn to the fact that butter is valued at 26 to 30c a pound, and skim-milk at 20c a cwt. Ensilage and roots are valued at $2 a ton, straw at $4 a ton, green feed at $3 a ton, and hay at $7 a ton, these figures representing approximately the cost of their production. For further details see annual reports of the Central Experimental Farm. Attention is also drawn to the fact that the profit column represents profits per cow only above cost of feed, while the labor, value of the calf, value of manure, interest and depreciation on cow, buildings and implements are not included.

THE PONTIAC FAMILY

Unquestionably, one of the most popular families of any breed of cattle at the present time is the Pontiac family of Holsteins. An announcement in recent years of an important public sale of Holsteins without the word Pontiac would be a curiosity. The prices paid for this family are the highest ever known in the history of cattle breeding—the thousand dollar mark having been reached repeatedly, a few have been sold for from five to ten thousanl; and I guess I'd better not mention the highest prices for fear it might cause some incredulous reader to have a black-and-white nightmare, with horns! The name Pontiac has been accepted quite generally as the best that the Holstein breed can afford; and very frequently the writer has been asked about the origin and the accomplishments of this, now famous, family.

The name comes from Pontiac, Michigan, where for many years a fine herd of Holsteins has been owned. In naming the calves born in that herd the prefix "Pontiac" is invariably used. No other breeder is allowed to use that name as a prefix, although it may be used in some other part of the name if the calf to be named is a descendant from the Pontiac stock. To a New York breeder belongs the credit for bringing the Pontiac herd to the attention of the world, as a breeder of that state selected a carload of untested young cows from the herd in question, took them home and gave each a good record. The records went higher and higher, as the dairy capacity of the cows increased with years. Finally, other breeders bought from the Pontiac herd and began vying with each other in making noted records.

It was in 1904 that Mr. Hunt gave Pontiac Rag Apple a 2-yr.-old record of 20 pounds butter in seven days. The next year Pontiac Lunde Hengerveld made a record of over 28 pounds. Two years later the first-named heifer took the world's 4-yr.-old record of nearly 32 pounds and was sold for $8,000. Another two years later, three of the Pontiacs made 30-pounds records, and within the next two years, five of that family reached records of more than 30 pounds—two going past the 37-pound mark. One of these cows finished her year with a record of 1,017 pounds of butter fat, the highest year's record ever made up to that time, and beaten only thrice since. The next year 38 pounds were reached in seven days. The Pontiacs were now famous throughout the world and it became an interesting question as to what made them so. Where did they get their extraordinary capacity for butter production?

This question caused another New York breeder to step in and rightly claim the lion's share of the glory. I refer to Henry Stevens, the already famous Holstein breeder who made the most of his world-wide reputation after he was stricken with blindness. Though sightless, he was far-sighted; though blind, Henry Stevens was a leader of men. It was stock of his breeding that made all this reputation for the Pontiac herd. Among others, he had sold two bulls, before or after their birth, to the Pontiac people; and their daughters have made all the remarkable records just mentioned and many more nearly as great. These two sires were Hengerveld De Kol and Pontiac Korndyke, two bulls that are generally conceded to be the best sires of their day. They first combined the blood of the two noted cows, De Kol 2d and Netherland Hengerveld, both of which held world's records in their day. Pontiac Korndyke was from Belle Korndyke, record 25 pounds in seven days, a cow of great dairy capacity and a model in form. She was a regular breeder until 19 years of age and is the head of the great Korndyke family. A volume might be written regarding the great work of the daughters of these two bulls. Many of the best Pontiacs combine the blood of these two sires; notably, Pontiac Clothilde De Kol 2d, 1017 pounds fat in a year.

Both bulls mentioned above were sold to eastern breeders and both continued to add luster to their reputations as sires. They are now dead, and it is generally agreed that the previour reputation of the Pontiacs is being kept up and even surpassed by the work of their brilliant descendant, King of the Pontiacs, whose record daughters surpass in numbers those of any other bull, living or dead. He is bred like the cow just mentioned, by Pontiac Korndyke and out of Pontiac Lunde. Hengerveld, mentioned above as having a 28-pound record, a daughter of Hengerveld De Kol. This cow was a model in size, form and dairy capacity and had a full sister, with a record of nearly 25 pounds, that was very close to perfection in dairy type.

King of the Pontiacs is the largest bull I ever saw and one of the handsomest, weight 2,480 pounds. It is my belief that no man has ever achieved an extraordinary degree of success without an abiding faith in his business. Well, now, the men who owned King of the Pontiacs, cer-

tainly had all kinds of faith in him; as they announced, when that chap was only 14 months old, that they judged from his appearance and breeding that he was destined to take high rank as a sire. They said he was not for sale, and when his first crop of calves appeared they persistently refused to sell any females until they were tested. Results justified their faith in him, as five 2-year-olds, from his first heifers, made over 20 pounds of butter each in seven days, one going as high as 26 pounds. The next year two of these heifers made 30-pound records. By this time, these daughters were winning all kinds of world's records, for milk, for butter and for any length of time from seven to 365 days. His daughter, K. P. Pontiac Lass, now holds the 7-day record for all ages and breeds, 44 pounds 5 ounces butter. This is 2½ pounds higher than any other record. After capturing all the records up to 100 days, she was sold for $10,000 and not tested further.

In yearly work the daughters of King of the Pontiacs, as well as the Pontiacs in general, are unusually good. Of the highest 25 senior 2-year-olds, 11 are by King of the Pontiacs, the world's greatest bull, still living at ten years, still hale and hearty and still adding to his already brilliant career.—W. C. Jeffries, Holmes Co., Ohio, *Ohio Farmer.*

OAT SMUT CONTROL CAMPAIGN IN LAKE COUNTY, IND.

During the month of February a large number of oat smut campaign meetings were held through out Lake County. It was the best campaign of any kind that had been undertaken in Lake County for the production of more and better oats. Meetings were held in every township in the county, and a total of 1245 people were reached personally, besides the information that has been given out to be taken to others. The teachers and schools have been given data on how to treat oats for smut, and in many cases the children are in a position to tell and help their parents.

First, a good variety of oats was emphasized, giving the highest yield in the county. Second, oats should be cleaned and graded, and only the medium and large, plump oats used for seed. Third, it was emphasized that the 10 per cent loss by smut, which could be prevented by use of the formaldehyde treatment, would save the county $108,500 this year. Fourth, oats should be tested for germination; fifth, aim to sow about 1,500,000 grains per acre, depending on the variety of oats, etc. Sixth, the preparation of a good seed bed. Weedy ground should be plowed, but one should not delay sowing oats to plow ground, especially if it would make oats sowing late. The necessity of having a very well prepared seed bed is very important. Seventh, sow oats as early as the ground will permit.

All of these practical points are of particular interest this year, owing to the fact that we wish to produce as many bushels per acre as possible, which would add a great deal to the profit whether the present prices hold out or not.—S. J. Craig, Lake Co. Agr. Agent., U. S. Dep't A Gr. Cooperating.

A FIFTY-COW DAIRY

On the first of January we started out to make 50 cows pay $7,500 for the year 1914. Last year we realized $6,030 from 40 and we took this as a basis on which to work this year. This meant nearly $1,500 more than last. The first half of the year brought us up to July 1 with a total income $912.44 greater than for the same period in 1913. Our total income was $4,176.61. The price received for the milk varied from $2 per hundred in January to $1.25 in June.

The greatest number of cows we milked at any time was 46, which was during the month of March. Our barn, which has just 46 stanchions, was then full. For the six months we did not milk, on the average, more than 40 cows, or 42 at most. In the herd were six cows that had been giving milk for over a year and one that had been milked for a year and a half. There were also at least 12 two-year-old heifers with first calves. All were milked with milking machine.

Mr. W. W. White, who has been investigating the creamery and cheese factory business of Tioga County, N. Y., states, in a recent issue of Hoard's Dairyman, that the patrons received a total income averaging $61 in cash from each cow. We wonder how many thousand readers of The H.-F. World are doing no better. Yet lots of these dairymen seem to be satisfied, while we would not be with less than three times that much. We are not getting that much now from our herd and are not satisfied, but we are doing what every farmer should do—making the best of what we have and planning to do better in the future by breeding better cows.

It may be we are not doing as well as we should. We are always glad to know what other people are doing with their cows where they just have good farm feed and care, are milked twice a day and the milk sold at wholesale prices. When we began milking for the condensary; four years ago, we thought we would be satisfied with a bunch of cows that would make $150 per heal annually. But upon a little investigation we found there were men making more clear profit out of one cow than we were making out of our whole herd of 30.

We are still keeping about 30 cows than can not be registered. Some of them could have been registered but, in times past when cattle were cheap, the registry was dropped and no attention paid to it until it was too late. They are all good cows and we will keep them until we can replace them with registered animals at the farm's expense. Those who see them call them a fine bunch of cattle; yet there are cows, now under quarantine at Chicago, any one of whose offspring would bring in more net profit than we receive annually from our 30 unregistered cows.

From the Holstein-Friesian World of recent date we see that the mother of our herd bull, King Champion Pontiac Copia, has produced a two-year-old heifer with a record of 22 pounds of butter in seven days and a yearling heifer that was sold to Hugh Davis of Broadalbin, N. Y., for $2,550 That looks pretty good and yet we are not going to sell our 30 grades and put all the proceeds into one cow anl take long chances. What we do plan is to breed the registered cows to this bull and raise all of the heifer calves and when they freshen, let them take the place of the unregistered cows. In this way we will soon have a herd of registered Holsteins paid for out of the profits of the business.—Walter S. Tomlinson, in *The Ohio Farmer.*

How much is fairly good corn silage worth in a locality where corn is priced at 65 cents a bushel and timothy hay at $7.50 a ton—V. C. H., Rock County.

A fair valuation for corn silage, under the conditions given, would be about $3.50 a ton. Naturally, due to a number of other factors including quality of corn, there would be considerable variation. The price named, however, is at least low enough.—Roy T. Harris, Supervisor of Wisconsin Dairy Tests.

"I admire the pictures and reading matter in the Holstein-Friesian World."—John Mittmann, Muscatine, Ia.

THE 20,000 POUND THREE-YEAR-OLD

The Record of Baroness Madoline, a Result of Breeding, Feeding and Kindness, Says Her Owner Mr. William Stock. Tavistock, Ont.

Baroness Madoline, No. 16299, sired by Sir Pietertje Josephine Keyes, dropped her first calf November 13th, 1912, at two years, seven months old. In this period she produced in 10½ months over 12,000 lbs. of milk under ordinary care and milked twice daily. She went dry for five weeks, and received no fitting before making her yearly record. Calving November 6th, 1913, at three years seven months old, she produced five weeks later in seven days 533.9 lbs. of milk, 22.49 lbs. of butter. Eight months after calving she made 392 lbs. milk and 17.02 lbs. of butter. It was during this period that she made her wonderful record of 20,710 lbs. of milk, 962.5 lbs. of butter. Being dried off on November 8th, she calved again on December 17th, 1914, producing in seven days, several days later, 599.8 lbs. milk, 23.13 lbs. butter, and in the month of January 2.700 lbs. milk. She has now raised three beautiful heifer calves, of which her owner has a reason to be proud of.

Her dam, Baroness Oxford Belle, 14 years old, was tested the same year, accurate weights being taken and tested by the same men, made 21,693 lbs. of milk. Being two weeks late in freshening, she did not qualify under R. O. P. rules.

As to the method of feeding, all that is necessary is common sense and a little judgment. Kindness is a good food and always takes well with all animals. Comfort and punctuality are needed to make a cow do her best. The above-mentioned, along with alfalfa hay, ensilage. roots, oat chop, bran, cotton seed meal, gluten meal and oil cake, as well as other concentrates one might mention, fed in proper quantities should make a good ration for a cow. One should have little difficulty in being successful with cows as to quantity to feed. It all depends on the condition of the cow. My aim is to have plenty of ensilage, hay, roots and oat chop of which I feed liberally. As to the rest of the feeds mentioned, it depends on which I can secure the cheapest; of that I feed the most. Oil cake is a very good food and can be fed in larger quantities than cotton seed meal, but the price often makes me go to the cotton seed, which I have been feeding for several years with good results.

I aim to keep salt and water constantly before them. Dogs and broken milk stools should not be found in the cow barn. Above all things be kind.

The following is the daily ration fed to Baroness Madoline during the winter months:

Ensilage. 35 lbs.
Roots, 90 lbs.
Oat chop, 8 lbs.
Bran, 6 lbs.
Cotton seed, 4 lbs.
Gluten meal, 2 lbs.
Oil cake, 2 lbs.
All the hay she would eat up clean.

After going on grass her daily ration was decreased to 6 lbs. oat chop, 5 lbs. bran and 3 lbs. gluten meal. As the pasture grew dry I commenced feeding green oats and peas, which was fed till the green corn came on in addition to her grain ration.—*Farm and Dairy.*

TESTS IN PROGRESS IN ILLINOIS

The following supervisors are conducting Official Tests of Holstein-Friesian cows for the breeders named:

C. G. Cox—F. J. Karlen, Winslow.

Earl Garver—Hartwood Farms, Barrington.

C. F. Goodman—Knudson & Liess, Mokena.

R. H. Hadley—Geo. E. Van Hagen, Barrington.

M W. Jean—Fred Morrison, Jr., Bayle City.

H. C. Lawson—Hawthorne Farms Co., Barrington.

R. R. Manley—J. H. Oughton, Dwight.

C. B. Price—Buffalo Creek Farm, Arlington Heights.

C. L. Reisner—R. E. Haeger, Algonquin.

W. T. CRANDALL, *In Charge of Official Testing.*

"I am a new subscriber to your paper and am much pleased with it. Inclosed find $1.00 for which send the paper to the following named new subscriber and send me the premium picture."—Geo. D. Burton, V. S., Cazenovia, N. Y.

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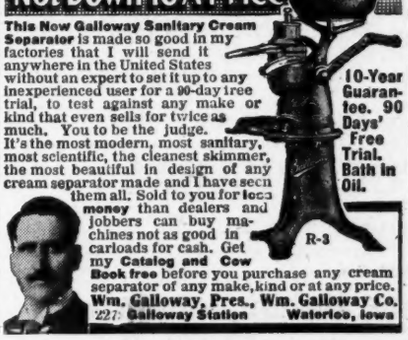

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J. H. Beadle, Hartford, N. Y., writes: Here goes a dollar for insurance. Sample has cured two cases. Cura-Bos is it!

WERE NEARLY DEAD

Miss Zelma Hutter, Phoenix, Ariz., writes: Enclosed post office order; send $1.00 bottle of Cura-Bos. The sample cured two calves that were pretty near dead with the scours. It is simply wonderful. Please rush the order. Thanking you a million times over.

W. D. Robens, Pleasant Hill Herd, Holstein-Friesian cattle, Poland, N. Y., writes: Find enclosed $2.00 for another bottle of Cura-Bos Scour Remedy. It is doing the business the best of anything yet.

W. A. Simmons & Son, Proprietors, Hillside Stock Farm, Holstein Cattle, Ripon, Wis., Feb. 14, 1915, write: We cannot recommend Cura-Bos too highly. Have cured all cases since we have been using it. Enclosed $2.00 for a large size bottle.

To convince that Cura-Bos cures White Scours (also prevent this disease) we give one Trial Bottle to stockmen for 10c in stamps to pay postage and packing.

Regular Size $1.00 and $2.00 sent prepaid on receipt of price.

Troy Chemical Co.,

78 Commercial Ave., Binghamton, N. Y.

LAKESIDE STOCK FARM

Now offers a fine and highly bred class of yearling young bulls, now ready for use, as can be seen in any herd in America, including two from 31 and 32-pound dams, and as well bred on the sire's side. No. better breeding on individuality.

Write for particulars.

E. A. POWELL
904 W. Genesee St.
Syracuse N. Y.

HERD VETERINARIAN

An educated veterinarian who has given special study to abortion and sterility, tuberculosis and the diseases of calves would like an engagement in a valuable herd where opportunity would be given for growing sound cattle. Address **W**, care of **Holstein-Friesian World, Madison, Wis.**

START RIGHT

We offer a bull calf sired by King Pontiac Portia from Pontiac Thanatos, (now in yearly test) and two heifer calves that trace four times to Pontiac Korndyke. Special price on the trio.

C. C. FRIES & SON.
Richland Center, Wisconsin.

OUR POLICY

Is to sell animals for just what they are. Our stock is bred for size, production and quality. We have some GOOD ones.

W. H. HORSTMANN
R 2. Schenectady, N. Y.

For more Milk and Butter use
SCHUMACHER FEED
THE QUAKER OATS CO.
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To insure the success of your sale you need Kelley in the box
For dates write

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I also sell satisfaction.
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COL. J. E. MACK
Ft. Atkinson Wisconsin.

QUALITY NOT QUANTITY

Just one young bull left whose dam and sire's sister average over 32 lbs. and the dam is in test making still larger record. Order him before test is closed. Price $250.00.

King of the Pontiac Eusebia Burke, sire, whose dam and sire have each a daughter to combine a 37-lb. record. Hard to equal.

Buy the reproduction kind and BREED BETTER.

R. C. WELLS Norwich, N. Y.

H. M. Dunham T. E. Getzelman G. H. Truckell

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Consignment and Dispersion Sales our specialty.

The only Interstate Organization handling Holstein Sales

G. H. TRUCKELL, Sec'y. Box 257, Liverpool, N. Y.

11 TESTED DAUGHTERS—4 ABOVE 30 LBS.

A son of Prince Ybma Spofford (our 30-lb. herd sire) has now made the above unapproached showing.

Here is another son, from Valley Farm Topsy 2d, a 24-lb. daughter of Korndyke Queen De Kol's Prince, from a 24-lb. daughter of Pietertje Alban De Kol (three-quarter brother to Hengerveld De Kol). He is nicely marked, and a good square individual—born Nov. 21, 1913. Hard to duplicate at our price.

J. J. LARABEE, DEMSTER, NEW YORK.

GREENVIEW STOCK FARM

We have consigned fifteen head to the Sidney, N. Y. Tri-County Breeders' Sale. All young; the oldest six years old; bags and milk all right and will please most anyone. Some with very good Records. Remember the dates—May 20-21, 1915.

O. L. IVES, GUILFORD, NEW YORK.

OTSELIC STOCK FARM

Premier Sire—KORNDYKE PONTIAC PET No. 55995.
Sire—PONTIAC KORNDYKE.
Dam—PONTIAC PET. Butter 37.678 lbs.

David B. Hill Dairymple, Otselic, New York

FREE FOR THE ASKING

If you are now using one of our A. R. O. test books, we will, upon request, send you one of our supplements. This tells the requirements necessary at any age for admission to Advanced Registry. It also contains a table showing the rate of fat or butter per week at which an animal is running, considering the total fat for a day or a milking, when the animal is milked four times per day.

Simply send a card requesting this supplement and it will be sent free of charge.

The price of the A. R. O. test book is the same as heretofore.

60c Each or Two for $1.00

LIVERPOOL SALE & PEDIGREE CO., Inc.
LIVERPOOL, N. Y.

P. S.—Have you seen our "New Improved Envelopes"?

Sherburne Breeders

NEWTON FARMS
the home of King Veeman De Kol No. 36819.
53 A. R. O. daughters.
(Mona Veeman, 37 lbs.)
Bull calves for sale from A. R. O. dams.
Send for pedigrees.
R. P. Kutschbach & Son, Sherburne, N. Y.

SHERBURNE SUBURBAN STOCK FARM
50 pure-bred Holsteins of quality. 250 grades that cannot be surpassed. Herd headed by son of King of the Pontiacs. We can supply anything you want in good cattle.
F. H. WILCOX
Sherburne, N. Y.

WESTEND STOCK FARM
Offers a few bull calves sired by King Pontiac Hilldale (Sire, King of the Pontiacs, dam, Hilldale Lorie Korndyke, 29.93 lbs. at 4 years) and from A. R. O. dams. The calves are fine individuals. A credit to their backing. Choice for $125.
BERT J. BUTTS,
Sherburne, New York

Mapleview Stock Farm

Offers four bull calves from two to five months old whose dams and sire's dams average from 24 to 28.81 pounds butter and 80 to 100 pounds milk in one day. Nicely marked; prices low. Write for pedigree and prices.
W. B. BULLOCK, SHERBURNE, N. Y.

Tidy Abbekerk Prince

BELLEMORE STOCK FARM
Herd Sires.
Cornucopia Korndyke Pontiac No. 86875.
King Pontiac Hilldale No. 114040.
Bull Calves.
For sale from these good sires whose two nearest dams average from 24 to 30 pounds butter per week. Write for particulars.
Edsall B. Reynolds, Sherburne, N. Y.

MAD BROOK STOCK FARM
Offers for sale a few car loads of choice Stock Hay. Write for price.
BRIGGS & CUMMINGS,
Sherburne, N. Y.

WESTSIDE STOCK FARM
Our Herd Bulls are:
Korndyke Pontiac Pet.
Sire—Pontiac Korndyke.
Dam—Pontiac Pet 37.68 lbs. She sold for $5,500 in the **Dollar Sale.**
King Pontiac Hilldale.
Sire—King of the Pontiacs.
Dam—Hilldale Lorie Korndyke 4½y. 29.93 lbs.
Their breeding speaks for itself. If you are interested in a bull calf sired by either of these bulls, place your order early, for the supply will be limited.
John M. Howard Sherburne, N. Y.

HARRINGTON SISTERS
Offer Bull Calf For Sale.
Born Mar. 23, 1914; nicely marked; half black; fine, active individual. Sire, Prince Rag Apple Korndyke, son of Pontiac Korndyke, with two 20-lb. 2-year-olds. Dam, granddaughter of De Kol Queen La Polka 2d, 35.38 pounds. Write for pedigree and price.
M. T. Bryant, Mgr., Sherburne, N. Y.

Bull Calves

Whose dam and sire's dam average from 90 to 103 lb. for milk and 25 to 30 lb. for butter.
CLAYTON SISSON
Sherburne Stock Farm, Sherburne, N. Y.

Truckell Test Books 60 cts each. Truckell Certificate Envelopes $1.00 per 100.
Save Work. Make you Money.
Get samples and compare with any others no matter what the price. Then order from
G. H. TRUCKELL
Liverpool New York.

FOR SALE
Ormsby bulls sired by Beauty Pietertje Prince whose nearest dams have 32.52 lbs. and 30.50 lbs. butter in 7 days with 3.83 and 4. 7 per cent fat, out of dams by same sire as Pietertje Maid and Gracie De Kol Ormsby with 7 day records of 35.56 lbs. and 33.32 lbs. butter. Bulls are from 7 to 14 months of age, light in color, good individuals, well grown, dams have records from 18.30 to 21.38 lbs. butter in 7 days. Prices from $175.00 to $300.00.
C. B. REDDELIEN, North Lake, Wis.

ATTENTION
How would you like a bull calf, at a reasonable price, sired by the great young bull, King Pontiac Segis Lyons, No. 109925, from A. R. O. daughters of Pietertje Hengerveld Segis and Maple Ridge King Pontiac. King Pontiac Segis Lyons is a half brother to the $50,000 bull, and his dam is a double granddaughter of old Blanche Lyons, the only cow in the world with three 30-lb. daughters. Send for his pedigree.
C. H. FITCH & SONS
Burlington Flats N. Y.

SPRINGVALE STOCK FARM

"THE HOME OF THE JOHANNAS."
If in need of a bull calf this winter, do not fail to investigate the breeding of one sired by King Peter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.
W. J. GILLETT & SON,
Rosendale Wisconsin

SIR WALTER RALEIGH

Seed Potatoes. Average yield for the last ten years 207 bu. per acre. 50c per bu.
HAROLD F. HUBBS KIRKVILLE, N. Y.

$200—H.-F. BULL FOR SALE—$200
Born Jan. 24, 1914.
Fine, individual, well grown, and nearly all white. Sire, Dutchland Empress Sir Hengerveld 102766. 75 per cent same breeding as Pontiac Clothilde De Kol 2d 37.207 lbs. butter. Dam, Netherland Abbekerk, 20.045 lbs. butter. 3-year-old daughter of Tidy Abbekerk Prince 27770, seven daughters above 30 pounds butter in 7 days.
GEO. F. BLEWER ESTATE, Newark Valley, N. Y.

SIR PONTIAC VEEMAN HENGERVELD
Dam—Elsie Veeman Wayne (30.92 lbs.), daughter of Sir Veeman Hengerveld. Average two nearest dams 31.3 lbs. butter in seven days. Few young bulls for sale. Price right.
E. M. LOWMAN, Lowman, N. Y.

SON OF 28-LB. COW
that is a daughter of Pietertje Hengerveld's Count De Kol. She gave a lot of milk, is a faultless individual, and has a 25-lb. daughter. Sire of calf was by Colantha Johanna Lad, and from a 31-lb. daughter of a 30-lb. cow. Calf was born Jan. 1, 1915, and is a beauty.
Investigation means a sale.
THE WALLACE HOLSTEIN CO.
R. B. Buell, Mgr. Wallingford, Conn.

Remember me as a Breeder

but nothing for sale at present
HOBART W. FAY, MASON, MICH.

FOR SALE
A car load of Vermont Registered Holstein cows and heifers; cows are safe in calf to the Great Young Sire Sir Beets Korndyke No. 91212, a son of Pontiac Korndyke, and due to freshen in May and June, some have good A. R. O. records; will put in a few bred daughters of above bull, due in the Fall.
Two fine Yearling Bulls from A. R. O. dams, could go with this lot, all are born and bred at
ISLAND HOME STOCK FARM
W. B. Dodds & Son North Hero, Vt.

PUBLIC SALE CALENDAR
April 1, 1915—Wisconsi Breeders' Association Sale, Marshfield, Wis.
Apr. 7, 1915—North Benton, Ohio, Goshen Stock Farm 5th Annual Sale.
Apr. 8, 1915—Warren, Ohio. R. C. Church & Sons.
April 8-9—Allentown. Pa., W. M. Benninger's 2d Consignment Sale.
Apr. 12-13, 1915—Syracuse, N. Y.—E. M. Hastings, The 1915 Sale.
Apr. 14-15, 1915—Earlville. New York.
April 15—North Yakima. Wash. Riverview Farm Dispersion.
April 16—Cazenovia, N. Y., R. D. Lee's Sale.
April 19, 1915—Cortland, N. Y., R. H. Beard, 3rd Annual. 100 head.
Apr. 22-23—Bellows Falls, Vt., Eastern Breeders' Sale.
Apr. 28—Goshen, Ind., Northern Indiana Breeders' Sale Co.
Apr. 29—Howell, Mich., Consignment Sales Co.
April 30, 1915—Fowlerville Holstein Co. Sale at the Fair Grounds, Fowlerville, Mich., Robin Carr, Secretary.
May 4, 1915—Waukesha Breeders Sale, Waukesha, Wis.
May 5-6, 1915—Lake Mills Holstein Breeders' 11th Semi-Annual Sale, Lake Mills, Wis.
May 7, 8—Watertown, Wis., Watertown Breeders' Sale.
May 11—New Milford, Conn., Western Conn. Breeders' 2d Annual.
May 12—Los Angeles, Cal., Ascot Park, Absolute Dispersion Sale, J. W. McAlister, Jr., Mgr.
May 17. 1915—B. E. Totten. Cress Lawn Farm, Gustavus, Ohio. 100 head.
May 18, 1915—Combination Sale—Case & Clark & Pierce Bros., Lockwood, Ohio.
May 19—Howell, Mich., Livingston Co., Breeders.
May 20-21, 1915—Tri-County Breeders' Sale, Sidney, N. Y.
May 24, 25—Canton, Ohio, Ohio Holstein Breeders' 1st Consignment Sale.
May 26, 1915—Brockville, Ont., A. C. Hardy.
June 3-4, 1915—Breeders' Consignment Sale Company's 18th Sale, Syracuse, N. Y
June 8-9, 1915—Dr. Hand's Dispersion, Scranton, Pa.

"I want to congratulate you on the excellent sheet you are getting out. It seems to improve in every issue."—H. E. Horneman, Watseka, Ill.

KI MA

WATCH ME GROW

Lake Mills 11th Semi-Annual Sale May 5-6, 1915

M. F. PECK & SONS, MARSHALL, WIS.

Consign four daughters of King Pontiac Asia 58042. He is from King of the Pontiacs and a 26 lb. daughter of Hengerveld De Kol. This bull is surely making good as a sire. Among his daughters are the following records, 27 lb. at 3 yrs. 25.94 lbs. at 4 yrs., 22 lbs. at 3 years and 7 two-year-olds average 15½ lbs.

These daughters are Alvina Woodland 2d 17 lb. at 2 yrs., Green Vale Pontiac Pietertje 13.8 lbs. at 2 yrs. Green Vale Pontiac Dorathy a daughter of a 21.47-lb. cow, who was sired by Sir Johanna De Kol 12th. 43305. Also a heifer calf from a 20-lb. cow, first 3heifers are bred to Peter Colantha Lyons 138832. A finely bred bull. Will also consign two fine cows bred to King Pontiac Asia, one having 20 lbs. at 4 yrs. the other 20.5 lbs.

The Ohio Holstein Breeders' Sale Co.

will hold their

First Consignment Sale

at Canton, Ohio, May 24th and 25th, 1915

A Few More Consignments Wanted

For Further Information Address:

SAM'L WERREN, Vice-Pres., No. Benton, Ohio.

W. W. WATSON, Sec., Youngstown, Ohio.

LAURENCE PAUMIER, Pres., Louisville, Ohio.

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Auctioneers, PERRY, HAEGER AND MACK

E. A. HUTCHINS, Sales Mgr.

Auray Farms

We are breeding a remarkably handsome son of our well known former sire

MUTUAL PIETERTJE PAUL
to our daughters of

King Segis Pontiac Clorinda
and securing most gratifying results in the way of large, level calves of ideal dairy type.

He is our Junior Service Sire

Pietertje Paul Elsje

No. 112054

a big strapping 2-year-old show bull of typical Auray Farms breeding.

He traces no fewer than

Sixteen times direct to De Kol 2d

with an outcross of King Segis blood through his dam's sire

KING FAYNE SEGIS

His dam is

AURAY ELSJE SEGIS

		lb. butter.
At 4 years (1914)	7 days	28.21
At 3 years (1913)	7 days	24.38
At 3 years (1913)	30 days	100.20
At 2 years (1912)	7 days	15.56

Twice an Association Prize Winner and a sister of the sire of the new world's record 365 day cow.

His dam's dam is

MINNIE CORNUCOPIA WAYNE DE KOL

At 6 years (1913) 7 days butter 27.82 lb, 30 days 105.34 lb.

Dam of 6 living daughters—2 A. R. O.

His sire's dam is

WINANA PIETERTJE DE KOL

At 4½ yrs. (1903) 7 days Butter, 25.55 lbs.; 30 days 103.48 lbs.

Dam of 4 A. R. O. daughters—2 over 31 lb.

These calves represent the very strongest and most desirable combination of

DE KOL 2D—KING SEGIS

line breeding—our specialty. Write for printed charts and photos.

Sussex County—Free from infection.

F. M. AVERY
I. M. AVERY, Mgr.
Sparta, Sussex Co., N. J.

GOOD BULLS CHEAP

NO. 1—Born Feb. 16, 1913.
Sire—Walker Korndyke Segis.
Dam—Inka Pietertje Beets Johanna, 20 lbs. butter in 7 days.
Price $175.00.

NO. 2—Born Feb. 23, 1913.
Sire—Korndyke Inka Butter Boy.
Dam—Corintha 3d Mechthilde.
12 lbs. butter in 7 days as a junior two-year-old.
Price $125.00.

NO. 3—Born Mar. 7, 1914.
Sire—Korndyke Butter Boy 19th.
Dam—Corintha 3rd Mechthilde
12 lbs. butter in 7 days as a junior two-year-old.
Price $100.00

Also a son of **Spring Farm King Pontiac.**

Dr. J. R. Allen Orwell, N. Y.

GRANDSON OF PONTIAC KORNDYKE

Ready for service; excellent individual; more than ½ white. His dam an A. R. O. cow, and she is an exact reproduction of old Belle Korndyke. Look at her picture in March 27 issue of the World. Send for photo and pedigree.

JOHN J. WALRATH
East Springfield New York.

THE SECOND EDITION
OF THE GREATEST
HOLSTEIN PICTURES
EVER PUBLISHED
FIFTY-FOUR FAMOUS HOLSTEINS

INCLUDING—

The greatest producers—nearly two dozen past and present world's champions.
The greatest foundation cows.
Five great foundation sires.
The greatest show cows.
Three 40-lb. cows.
The only 30,000-lb. cow.

A work of art—now ready for mailing.

This can be secured only with a NEW subscription to the WORLD at $1 00. (Canadian $1.50). Address your nearest office.

I have for sale 7 husky, nicely marked bulls sired by King of the Korndykes, dam 29.86 pounds butter in 7 days. Many of them from A. R. O. dams.

They weigh about 1,000 pounds each, and are ready for service.

I also have three sons of King Segis Alcartra, two of which are from 27-lb. dams.

Annual sale postponed until shipping restrictions are raised.

I. J. CASE, ALTA, ILL.

Bull Calves For Sale

We have five herds of pure-bred Holstein-Friesian cows. All have good institution records. Some have A. R. O. records. All females will be given records. Have sires from 30-lb. cows and approved breeding at head of each herd. 10 per cent discount on price to Ohio breeders.

The Ohio Board of Administration, Columbus, O.

Valuable Herd Bull For Sale

Briar Butter Boy Korndyke 64786

Six A. R. O. daughters—more coming. His dam a 25-lb. daughter of Pontiac Korndyke. His sire a son of De Kol 2d's Butter Boy 3d and a grandson of Hengerveld De Kol. Thus, Briar Butter Boy Korndyke combines the blood close up of De Kol 2d's Butter Boy 3rd, Hengerveld De Kol and Pontiac Korndyke—three of the great sires of the breed. Sires of 340 A. R. O. daughters.

I am offering this bull for no fault of his but that I need a change to avoid inbreeding. If you want a cheap bull don't write. He is not a cheap animal but will sell him less than his real value.

I am also offering for sale a few sons of this great bred bull that are ready for service and from finely bred A. R. O. dams, at reasonable prices. Pedigrees, photos and prices given on application. These animals are in the state of Vermont and can be shipped at any time regardless of the quarantine in New York State.

F. W. SCOTT
GRANVILLE, N. Y. WASHINGTON CO.

WEITFORD HOMESTEAD HERD

Offers three bulls ready for immediate service. Good individuals and extra well grown. Sired by a 26-lb. grandson of Pontiac Korndyke. Their dams have A. R. O. records.

E. A. WEITFORD
Adams Center, N. Y.

HERE'S A BARGAIN

A yearling son of the coming sire, King Segis Pontiac Columbo, three-fourths brother to the $50,000.00 bull and with a better second dam, she being the former world record daughter of Hengerveld De Kol.

King Segis Pontiac Columbo is companion sire to Rag Apple Korndyke 8th, the $25,000.00 bull, and though only two and a half years old, he already has a large number of daughters from high record, splendidly bred cows. He is surely a coming sire and is bound to be heard from in a sensational manner very soon.

This young bull we are offering is a splendid, showy individual perfectly straight and square, with lots of class, and is nicely marked, and one-half white.

His dam was tested only once and made 19.59 pounds as a four-year-old and is from a fine producing 21.69 lb. cow, who also was tested but once. We now own them both and they will be tested and are sure to increase their records at next freshening.

We will sell this young bull at one-half his present value, or $250.00.

Buy into this splendid developing family and hitch on to its success; buy this fine young son of King Segis Pontiac Columbo and he'll boost you to success, because he'll grow into value every day. He is a bargain and you won't part with him at double the money after you own him.

Send for extended pedigree, picture and full particulars.

OLIVER CABANA, Jr.
Pine Grove Farm, Elma Center, N. Y. near Buffalo.

EVERYWHERE!
WHY?

Wherever you find an up-to-date breeder of Holsteins, you will find some of our pedigrees.

Why? The progressive breeder appreciates our pedigrees which set forth a clear, concise, complete and up-to-date record of the "doings" of the animal and the near relatives.

Our pedigrees sell the animal and not your customer.

Order today from the

Liverpool Sale & Pedigree Co., Inc.
Liverpool, New York

P. S. What about envelopes? Our New Improved Envelope calls for a complete, exact record of all the certificates relative to the animal, something that is provided for on no other certificate.

ORDER TODAY.

HERD SIRE

Sir Johanna Rag Apple De Kol. 2½ years old, splendid conformation. ⅞ white in color. Close to 25,000 blood. His dam Fairview Rag Apple De Kol by Rag Apple Korndyke is a superb individual and a consistent record maker.

As a junior two-year-old 21.35 in 7 days, at 4 years, 4 months 31.65 and a six years. record just made passes the 37-lb. mark. Will accept a few approved cows for service. Fee $100 to be paid when safe in calf. Also offer a few choice cows and heifers in calf to him. Bull calves $100 and up. Pedigree upon application.

ARCHIE REID, Jr., JANESVILLE, WIS.

A PROVEN BULL FOR SALE

Johanna De Colantha Champion No. 60574, born March 9, 1909. The average record for his dam and sire's dam is, butter 31.39 in 7 days, 121.31 in 30 days. A 3-yr.-old full sister just completed a record of 25.9 in 7 days. 17 A. R. O. daughters, 7 that have finished semi-official yearly records, 5 on yearly test now. He will have 25 or more yearly tested daugthers in my herd.

Also bulls of serviceable age out of semi-official yearly record dams.

JOHN ERICKSON R. R. 2. Waupaca, Wis.

Bed with Baled Shavings

and avoid contagion of Foot and Mouth disease.
Best absorbent. Cheaper than straw. Prices now lower and shipments more prompt.

WRITE FOR PRICE, DELIVERED
(Eastern States)

OSCAR SMITH & SON Albany, N. Y.
NEW ENGLAND BALED SHAVINGS CO. Albany, N. Y.

CHEAP

SANITARY

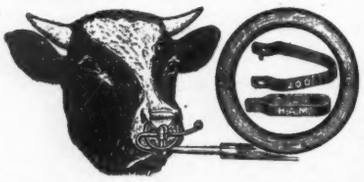
MARBLE VALLEY STOCK FARM

Offers bull calf born Feb. 2nd. Sire: Fairview Korndyke Lad, son of Pontiac Korndyke and Pontiac Pet 37.68 lbs.

Dam: a 22.90-lb. cow that has a 25.77-lb. dam that has a junior three-year-old with 27 lbs. Calf's dam, granddam, sire's dam and three of her sisters average 32.96 lbs each.

Calf is evenly marked; a dandy and guaranteed to please. Price $250.

ROBERT F. MEAD, WEST RUTLAND, VERMONT.



KING SEGIS PATENT LOCK

Ear Tags, Bull Staffs and Bull Rings

Description and prices of all sent on application, including samples of Ear Tags. 300,000 of these Tags have been sold without adverse criticism. 500 of these Bull Staffs are in use by the best breeders in the business. (Please mention this paper when writing to advertiser.) **H. A. MOYER, Syracuse, New York.**

Our Herd Sires

KING PONTIAC JEWEL 55753—
(6 years old)

By King of the Pontiacs and out of a 25.65-lb. 3-year-old daughter of Pontiac Korndyke. Second dam a 30.72-lb. daughter of Hengerveld De Kol. His 13 A. R. O. daughters average 3.78 per cent butter-fat and include:

Locust Grove Jewel 3½ yrs.-.23.18
Locust Grove Lillian Jewel, 3 years 22.39
Clothilde Jewel Pontiac, 3 yrs..21.28
Pauline Pontiac Jewel, 2 yrs..21.03

PIETERTJE HENGERVELD SEGIS 44781—
(8 years old)

By King Segis and out of Blanch Lyons De Kol 33.31-lb. daughter of Piet. Hengerveld Count De Kol and Blanch Lyons who has 4 30-lb. daughters. His 42 A. R. O. daughters include:

4 4-yr-olds that average 27.01 lbs. each.
5 3-yr-olds that average 26.24 lbs. each.
11 2-yr.-olds that average 21.30 lbs. each.
And all above 20 lbs. each.

FOR SALE—At right prices—choice bull calves, also two fifteen months old, ready for use. Also will offer a few young cows and heifers.

Write, or better, call at the farm.

W. C. HUNT, Fayetteville, N. Y.

Farm right on trolley line, half hour from Syracuse. Bell 'phone.
Choice alfalfa hay in ton or car lots.

Cazenovia Breeders

LORENZO FARM One-quarter page

ELM ROAD FARM
Can fill your wants in Holsteins.
Herd Sire—
Sir Woodcrest Korndyke Kate De Kol 5th, who has a 30-lb. dam and a 36-lb. full sister.
R. D. LEE
Cazenovia N. Y.

163 ACRE ALFALFA—DAIRY FARM
30 acres alfalfa
15 acres woodland
90 ft. stable—silo.
Well watered. 3 miles from Cazenovia on State Road.
Want to sell farm and herd of 28 purebred females.
D. D. BLOWERS R. F. D.
Cazenovia N. Y.

GRANDSON OF KING OF THE PONTIACS
From a 13.23-lb. yearling daughter of a 22.64-lb. cow. Calf is ⅞ white, straight and right. Price $50.00.
JAY W. LEE
Cazenovia N. Y.

KORNDYKE PONTIAC AAGGIE 64888 heads our herd.
He was by a son of Pontiac Korndyke, and the 37-lb. former World's Champion, Pontiac Pet. His dam is the great 30-lb. cow, Aaggie Alban Shadeland.
Herd numbers forty head.
W. H. HUGHES
P. O. Webster Station N. Y. (near Cazenovia) Railroad—Ballina, on the West Shore.

MEADOWOOD FARMS
Cazenovia, N. Y.
Herd Sire—King Segis Pontiac Acme 116467.
He is one of the finest bred bulls of today. The combination of breeding which produced this bull is unexcelled in production by no other popular producing blood of the breed.
His get is excellent.
W. G. Chard, Prop.,
A. L. Shepherd, Mgr.

BY A 33.87 LB. SIRE.
Dam, a 15.45-lb. 2½-year-old, produced 458.2 lbs. milk in 7 days. She was by Gordon Glen Pontiac, sire of the World's Champion two-year-old, and from a 22-lb. daughter of Johanna Rue 3d's Lad. This applies to a six-old bull calf we are offering at a bargain.
Also, bull calf by Lorenzo Pontiac Korndyke, a 31-lb. son of Pontiac Korndyke, out of A. R. O. dams. For complete information address
Charles S. Fairchild,
Lorenzo Farm,
Cazenovia, N. Y.

TWO GRANDSONS OF KING OF THE PONTIACS.
By King of the Pontiacs Small Hopes—one from an 18-lb. three-year-old granddaughter of King Segis; 2d dam a 21.6-lb. three-year-old daughter of Korndyke De Haan, the other from an 18-lb. four-year-old daughter of Korndyke De Haan.
Write for pedigrees and prices.
J. A. FUGGLE,
SULPHUR SPRINGS FARM,
Cazenovia, N. Y.

WILL BUY REGISTERED HOLSTEIN HEIFERS OR YOUNG COWS
Only first class with A. R. O. backing considered. Price them to sell and give full breeding in first letter. If you are quarantined, might buy to be shipped later. Address:
Box P.
Holstein-Friesian World

KING COLANTHA CLOTHILDE 3d

98849

Heads our herd. His six nearest dams, including one three-year-old, average 30.58 pounds. His sire, King Colantha Clothilde, was by Colantha Johanna Lad, the great son of the first 35-lb. cow, and from Abby Hartog Clothilde, the only 31-lb. cow having a 30-lb. four-year-old daughter that has a 30-lb. three-year-old daughter. The dam was from Mary Walker Pietertje (31.81 lbs.), the only 31-lb. cow having a dam with 32.9 lbs., and a daughter with over 31 lbs. The dam's sire is Beauty Pietertje Butter King, son of Beauty Pietertje (30.51 lbs.), who has a 30-lb. daughter with a 30-lb. daughter, and Clothilde Goudgeld Hugo, who has two 30-lb. daughters, each with a 30-lb. daughter and granddaughter.

We can offer sons of King Colantha Clothilde 3d, out of the following dams—Two are granddaughters of King of the Pontiacs; one a daughter of Korndyke Abbekerk; one a granddaughter of Admiral Walker Pietertje, and one a granddaughter of Beauty Pietertje Butter King. These calves are good individuals, and will be sold for reasonable prices.

FLOCK BREWING CO.

Williamsport, Pa.

WAUKESHA HOLSTEIN

SECOND ANNUAL

Consignment Sale May 4, 1915

85 Registered females of A. R. O. breeding
10 Registered bulls with A. R. O. dams and breeding

All animals aver 6 mo. old tuberculin tested.

Animals of breeding age guaranteed by owners to be breeders at time of sale. Stock is inspected by committee and culls are rejected. Catalogs now ready. Write to

Harrington & Gerow, Sales Mgrs.

W. L. BAIRD, Sec'y, Waukesha

Auctioneers { Kelley, Lore, Mack

Moyerdale--King Lyons 71155

The only sire of the breed that has 6 20-lb. daughters with first calf at 4 years of age. His dam is a 29-lb. daughter of **KING SEGIS.** His second and third dams are each 34-lb. cows. His sire is a son of Colantha 4th Johanna 35.22 lb. His grandsire is an own brother to Grace Fayne 2d Homestead 35.55 lbs. The latter two were the first two 35-lb. cows of the breed.

KING SEGIS No. 36168
The greatest sire and grandsire of his generation.

The World Record Jr. Four-Year-Old
Mable Segis Korndyke No. 161784, with a 7-day butter record of 38.37 lbs. She was sired by a son of **KING SEGIS.**

The World's Record Dairy Queen of All Breeds
Finderne Holingen Fayne No. 144551, butter for one year 1395 lbs. Think of a jr. 3-yr.-old Holstein leading all breeds of all ages for 365 days. She was sired by a grandson of **KING SEGIS.**

KING SEGIS PONTIAC ALCARTRA No. 79602, the
$50,000.00 bull. He was sired by a son of **KING SEGIS.**

JOHANNA McKINLEY SEGIS No. 44367, the
$25,000.00 bull, he was sired by **KING SEGIS.**

KING SEGIS PONTIAC CHICAGO, the
$20,000.00 bull. He was sired by a son of **KING SEGIS,**

KORNDYKE SEGIS JOHANNA
Sold at the Dollar Estate Dispersal Sale 1914 for
$12,500.00. He was sired by a son of **KING SEGIS.**
$107,500.00 for four bulls is going some.

There is more **KING SEGIS** blood in Moyerdale Herd than any other.
Moyerdale the Home of **KING SEGIS.**
Moyerdals the Home of **KING LYONS.**
Moyerdale the Home of the greatest producing cows of the breed

MOYERDALE FOR YOUR NEXT BULL

H. A. MOYER, Syracuse, N. Y. **WM. B. SIMPSON, Supt.**

Buy a barrel of Chaumont Lime for whitewashing and disinfecting. It doesn't cost much and it promotes health.

Wholesale prices on unburned, finely - ground Agricultural Lime to all dairymen who buy car lots. Try it in your stables.

The Adams & Duford Co., Chaumont, N. Y.

PHELANDALE HERD

Offers bull born Feb. 21, 1915. Sire, Hengerveld Homestead De Kol, whose three nearest dams average 30.49 lb. butter in seven days. His dam (at 3½ yr.) and sire's dam average 20,092.00 lb. milk and 919 lb. butter in semi-official test. Dam of calf is a daughter of Dutchland Colantha Sir Inka, that made 718 lb. butter in semi-official test as a senior 2-yr.-old, and as a senior 3-yr.-old has made 25 lb. butter in seven days and has started after 1000 lbs. for the year. This calf is a fine individual about three-fifths white. Price $400.

JAMES PHELAN
Forestville, Chautauqua Co., N. Y.

WALNUT ROW FARMS

Offer Walnut Row Grindetia at a bargain. Born Nov. 2, 1914. About even color. Sire, Spring Farm Grindetia was by a son of King of the Pontiacs. Dam's sire, a son of King of the Pontiacs. Will sell or exchange for well bred heifer calf. He is a beautiful, thrifty calf and straight as a line.

F. E. DAVIS & SON
Ludlowville **New York.**

SECOND ANNUAL SALE

to be held

MAY 11th, 1915

AT NEW MILFORD, CONN.

under the auspices of the

Western Connecticut Holstein-Friesian Breeders' Association

This will be the best chance in New England this spring in which you can buy cattle worth the money. The cattle in their sale last year proved money makers and this year they will offer 75 better ones.

Will tell you more about them in a later issue.

LIVERPOOL SALE & PEDIGREE CO., Inc.

SALE MANAGERS

LIVERPOOL - NEW YORK

100 Registered Holsteins

5TH ANNUAL SALE OF THE HOWELL CONSIGNMENT SALES CO. AT HOWELL, LIVINGSTON COUNTY, MICH., APRIL 29, AT 10:30 A. M.

Our consignments represent the best families of the breed. We led all Michigan sales last year by over $5 per head. There are many A. R. O. cows and heifers backed by the 30-lb. lines. Our service sires are in the 30-lb. list and of the best breeding. Catalogs April 18.

PERRY & KELLEY, Auctioneers. **MARK B. CURDY, Sec'y.**

BULL READY FOR SERVICE.

Sire: King of the Black and Whites, this bull born Jan. 4th, 1914. A little over half black. His dam Lockhart Lilith Belle No. 208545 has just made over 20 pounds butter in seven days as a Junior three-year-old after having a pair of twin calves that I believe would weigh over 160 pounds when dropped. She is a full sister to Lockhart Lilith 30.25 pounds butter in seven days. Her dam and the dam of Lockhart De Kol are the only pair of full sisters that have each prouced a 30-pound three-year-old. Price $500 crated F. O. B.

LOCKHART HOLSTEIN FARM, **Eugene La Munion, Solsville, N. Y.**

30-LB. BLOOD FOR SALE

1—Bull, born June 25, 1914; dam a 39.80-lb. daughter of King Segis and sold for $1,500 at public auction.

2—Bull, born Jan. 10, 1914; dam a 29.68-lb. daughter of Gordon Glen Pontiac.

The above are sired by a bull whose six nearest dams average over 30.56 lbs. butter in 7 days, and whose first two daughters to freshen made over 20 lbs. and 18.50 lbs. respectively as junior two-year-olds.

For prices and pedigrees apply to

GEO. WINTER & SON,

Adirondack Valley Stock Farm, **Chateaugay, N. Y.**

A BARGAIN

Bull calf—Dam: Lockhart Meta 2d No. 161539. Calf born Dec. 28, 1914. The dam as a junior four-year-old has just made 24.84 lbs. butter in seven days and over 100 lbs. in thirty days. Calf about half black and half white and a beauty. Sire—The King of the Blacks and Whites, the bull having more 30-lb. records in his pedigree than any other living sire. Price of calf $300.00 crated F. O. B. Solsville. If interested write:

EUGENE LA MUNION, Lockhart Holstein Farm, Solsville, N. Y.

READY FOR SERVICE NOW

Albia Abbekerk De Kol No. 116537, sired by Briar Abbekerk De Kol whose dam and sire's dam average 29.73 lbs. in 7 days. Dam of this young sire is Bryonia Albia De Kol No. 91368.

Evenly marked.

Write

C. E. WARD,
Palmyra, Wis.

THE STANLEY ENGRAVING CO.

Photo-Engravers, Zinc Etchers, Designers.

Half tones, 3x4, at the low price of $1.50. Cuts that will run. References, this paper. Satisfaction guaranteed.

Library Bldg., Tioga St., Ithaca, N. Y.

FOR SALE

A son of a 26-lb. record cow. Born February 3, 1914; sired by a grandson of Pontiac Korndyke. Dam of sire has nearly 24-lb. record.

This young bull is well grown, long body and straight back. Heavy boned and in good condition; ready for service.

$100 F. O. B. Morristown, N. Y.

Great Value.

MAPLE VALLEY STOCK FARM
Allen G. Bromling, Prop.

Morristown **New York.**

CLOVERLEAF STOCK FARM

Has to offer 3 registered Holstein bull calves, 2 out of A. R. O. dams, sired by Grandson of Pontiac Korndyke. Prices reasonable.

M. B. STEVENS,

Fremont **Michigan.**

"WHO WANTS ME?"

Born Feb. 15, 1915.

My four nearest dams average 31.03 lb. butter in 7 days and my dam is a 3-yr.-old with 25.78 lb., and a full sister to a 36.15 lb. 6-yr.-old. My sire is King Concordia Pontiac 98802 whose dam, Nellie Concordia De Kol (butter 31.45 lb.), sold for $3,000 in the E. H. Dollar Sale; her sister for $4,600. My grandsire and his dam sold for $6,500 each. I am very light in color and sure to please my new owner. Write and ask about me.

ALLAN R. OWEN, Maple Wood Farm, Box 283, GOSHEN, N. Y.

FOR SALE

Colonel Beets Segis, No. 50517, a 30-lb. proven son of KING SEGIS. Dam, Paul Beets De Kol Ciil, record 30.26 pounds. This grand animal is gentle and right in every respect.

I also have a few of his handsome young sons for sale.

C. S. MULKS, RICEVILLE, IOWA

CEDAR LAWN FARMS

When Johanna De Kol Van Beers left her old home at Cedar Lawn Farms, her sire and dam had impressed upon her the importance of capacity, quality and conformation necessary for high production. By 33 years of careful breeding, these characteristics have become established as prepotent.

Our 200 head comprise 42 daughters and about 100 granddaughters of Sir Johanna De Kol. No other herd has so many close relatives of Johanna De Kol Van Beers.

C. A. SCHROEDER & SONS, WEST BEND, WIS.

C. A. SCHROEDER **W. C. SCHROEDER** **H. F. SCHROEDER**

RIVERSIDE STOCK FARM

OFFERS FOR SALE

Bull born May 15, 1914.

SIRE—King Pontiac Boon Lilith, No. 106026, son of King of the Pontiacs from a 30-lb. daughter of Lilith Pauline De Kol's Count. One of the best individuals and best bred sons of King of the Pontiacs.

DAM—Edith Prescott Pontiac, No. 123450. A. R. O. Record.

Butter 7 days	25.17 lb.
30 days	101.5 lb.
Milk 7 days	423.5 lb.
30 days	1728.8 lb.
Average fat 7 days	4.7%
30 days	4.7%
At 2 yrs. 3 months	
(World's Record when made)	
Butter 7 days	28.1 lb.
Milk 7 days	502.0 lb.
Average fat	4.46%
At 4 years 2 months.	

She and her junior 2-year-old daughter, Edith Prescott Pontiac 3d, hold the World's 2-year-old record for mother and daughter; their records averaging 23.66 lb. butter as junior 2-year-olds.

Edith Prescott Pontiac is a granddaughter of Hengerveld De Kol and Aaggie Cornucopia Johanna Lad.

Calf is light in color, straight on the back and is a fine individual in every way. Write for Pedigree and Prices.

A. W. BROWN & SONS,

WEST WINFIELD, N. Y.

Some Want Quantity, Others Want Quality

You get both in King Pontiac Segis Veeman, born Feb. 25, 1914. The records of his dam, sire's dam and grandam average as follows:

Butter 7 days, 31.85 lb.; 30 days 129.29 lb.; 365 days 1034.95 lb.; Milk 365 days 21151.90 lb.

With each of them averaging right up to 4 per cent fat for the entire year. His dam a 29-lb. daughter of the great Sir Veeman Hengerveld, 7 30-lb. daughters and a lot more coming. Sire, King Segis Pontiac Count, a son of the highest yearly record daughter of King of the Pontiacs. A great combination of blood lines, good individual. Send for chart pedigree and price.

ARDEN FARMS, Inc. MERRIAM PARK STA.

ST. PAUL, MINN., W. J. YOUNG, Mgr.

GRAHAMHOLM HERD OF

HOLSTEIN-FRIESIANS

Two Great Sires at Head of the Herd

Aaggie Cornucopia Johanna Lad Jr., 36974 and Sir Winana Beets Segis, 52927 (a son of King Segis).

Aaggie Cornucopia Johanna Lad Jr. has 36 A. R. O. daughters, 21 A. R. O. sons and 14 daughters that have produced A. R. O. daughters. Two of her daughters have over 28-lb. records, 10 daughters average over 25 pounds, and all of his daughters average over 20 pounds. 5 daughters average 112½ pounds milk in one day.

Sir Winana Beets Segis, whose daughters are doing excellent work, now has 13 A. R. O. daughters. One daughter, 3 years, 8 months, has an A. R. O. record of 28.45 lbs. butter in 7 days. One daughter, 32 months, 23.93 lbs. in 7 days, 96.75 lbs. in 30 days and 751.4 lbs. in one year. Two other daughters, 2 years, have over 19 pounds each. One son won Grand Championship at the Minnesota State Fair 1914.

We are offering sons of these bulls for sale. Every matured cow in the herd has an A. R. O. butter record above 20 pounds and the largest per cent 25 to 30 pounds.

If you want high quality and productiveness, come and see what we offer, or write:

W. J. Boynton, Mgr., Rochester, Minn.

NEW BERLIN BREEDERS

COLUMBUS VALLEY STOCK FARM
New Berlin, N. Y.

The home of Locus Butter Boy Pontiac from a 27-lb. granddaughter of De Kol 2d Butter Boy 3d. Sire, son of Hengerveld De Kol. Bull calves for sale from granddaughters of King of the Pontiacs.

W. B. GATES

LOCUS STOCK FARM
Fellow Breeders—Take Notice

A rare opportunity to obtain a herd bull.

Grandson of Hengerveld De Kol out of Granddaughter De Kol 2d Butter Boy 3d with good A. R. O. backing. Eighteen months out. Well marked. Write for photo, pedigree etc.

C. L. BANKS & SON.
New Berlin -:- -:- -:- . N. Y

MAPLE LAWN STOCK FARM

has a few well bred cows for sale. They are bred to Brightview Sir Pietertje Segis whose get are proving exceptional individuals. His sire is one of the best sons of King Segis, out of a one time world record daughter of Paul Beets De Kol. His dam, is out of the same cow as Agatha Pontiac, A. R. O. 36.90 at 4 years, and has 28.82 A. R. O. State wants.

ELMER TRAVER
New Berlin -:- -:- -:- . N. Y

RIVERVIEW STOCK FARM

Pure bred Holstein-Friesian sires in service. King Pontiac Hengerveld No. 53297. Sir Korndyke Pontiac Artis 13th, 102050.

A few young bulls for sale from A. R. O. dams.

Good color and good individuality. Price right.

T. A. PAGE & SON,
West Edmeston, New York.

FULL VIEW STOCK FARM

Twelve years experienced breeding of choice Holstein - Friesian cattle. Senior herd sire, Aaggie Grace Butter Boy 34389, best son of De Kol 2d's Butter Boy 3d. Junior herd sire, Pontiac Perseus 41666, one of the best bred sons of Hengerveld De Kol. Bull calves from the above breeding for sale.

WM. M. BACKUS
New Berlin —:— —:— N. Y.

HERD SIRE
KING CORNUCOPIA NETHERLAND
No. 121633

Backed by such noted sires as King Segis, Hengerveld De Kol, Aaggie Cornucopia Johanna Lad, Korndyke Queen De Kol Prince, and Paul Beets De Kol; also such great producing cows as Abby Hartog Clothilde (31.39 lb.) Princess Segis (30.43 lb.), and Lily Cornucopia Netherland (24.00 lb. butter and nearly 100 lb. milk in one day). Four nearest dams average 27.50 lb.

FLOYD C. SHOLES JAY D. SHOLES
New Berlin, N. Y.

20.55 LBS. BUTTER. 4.45 PER CENT FAT.

This is the four-year-old record of the dam of the bull calf we are offering. The sire, a son of a 25-lb. cow, is a grandson of Paul Beets De Kol and Korndyke Queen De Kol's Prince.

Calf was born Nov. 18, 1913 is three-quarters white, and a very nice, straight, well grown individual.

For further particulars address,

George T. McNeil, Theresa, New York.

EASTERN BREEDERS

I am now booking orders for my annual eastern trip, and would like to hear from you at an early date if you desire me to stop at your place. This will be an opportunity for you to secure the services of an expert in the making of photos, engravings, etc., of live stock and agricultural subjects.

R. F. HILDEBRAND
Union Stock Yards Chicago, Ill.

Canadian Cattle are Free of Foot and Mouth Disease and can be shipped into any state

IF IN NEED OF SOME GOOD

Individuals, Cows and Heifers

Come over and inspect our herd of 80 head. Lots of good breeding and with records up to 27.38 lb. Herd sires: Son of **King of the Pontiacs** and one of the best sons of **King Walker** and that great cow, **Isabella Clothilde Walker** (5 A. R. O. daughters, 2 over 30 lb., and 1 son). Butter 7 days, 27.66 lb.; 365 days, 987 lb., milk 22,082 lb. We register all cattle in H. F. H. B. and tuberculin test.

HAMILTON FARMS

ST. CATHARINES, Ont., Canada

Farm 10 minutes trolley from Niagara Falls.

30-Lb. Grandson of the $50,000 Bull For Sale

We offer a son of King Veeman Pontiac Hengerveld, he a son of King Segis Pontiac Alcartra and from a 29.14-lb. daughter of Sir Veeman Hengerveld. Dam—Tobe De Kol Pet 2nd Dorothy, 30.13 lbs. butter, 656.8 lbs. milk in 7 days; her dam's record, 29.18 pounds and next dam 29.015 lbs. Calf was born Feb. 26, 1915; is a little over half white and a beautiful individual. Write for photo, pedigree and price. We also offer other sons of our sire from good dams. Write your wants.

J. H. PHELPS & SON, VERNON, NEW YORK.

ROSE HALL HERD--60 HEAD

All ages; headed by King Tobe De Kol No. 101309; full brother to Lady Tobe De Kol, world's record senior three-year-old. 7 days, 36.59 pounds butter and over 90 pounds milk in a day. Butter, 30 days, 141.50 pounds. His dam; Christmas Tobe 2d. 7 days, 31.66 pounds. 30 days, 129.46 pounds and over 80 pounds (4.44 per cent) of milk a day at 10 years old. World's record at time of making and still the second largest for age.

I offer choice cows, heifers, heifer calves, as well as fine bull calves.

GEO. J. HALL, NORTH OLMSTEAD, O.

FRIESLAND FARM

HERD SIRE

RAG APPLE KORNDYKE BOON, NO. 123847.

Sire: Rag Apple Korndyke 8th, the $25,000 son of Rag Apple Korndyke and Pontiac Lady Korndyke, 38.03.

Dam: Fairview Korndyke Boon, a 32.17 pound junior four-year-old daughter of Pontiac Korndyke. She sold recently for $4,100 at auction and will probably increase her record when she freshens.

Rag Apple Korndyke Boon's dam and sire's dam average as follows:

Butter, 7 days	35.10 lbs.
Butter, 30 days	143.53
Per cent of butterfat	4.96

He is as good an individual as his great sire and with his splendid breeding is sure to make good. We expect to keep and test all his daughters. His first two daughters are from a 22-lb. two-year-old and from Lotta Clyde, the cow that has just produced 709.1 lbs. milk; 31.325 lbs. butter in 7 days.

Have four of his beautiful sons from good A. R. O. cows.

B. B. DAVIS, Omaha, Nebr.

200 Bee Building

McHenry County Breeders.

R. E. HAEGER .....One-half page

FLORENTINE FARM

We have for sale a few choice heifer calves from A. R. O. dams.

J. H. TURNER,

HEBRON, ILLINOIS

PEEP-O-DAY STOCK FARM

A few fine, growthy calves sired by a grandson of King Segis and from dams of fine type and immense capacity.

H. C. La Brec, Harvard, Ill.

RIVER VALLEY STOCK FARM

Grandsons and granddaughters of King of the Pontiacs by herd bull, Sir Genie Pontiac, from A. R. O. dams.

These calves are beauties and priced right.

JOHN DEHMLOW, Algonquin, Ill.

SON OF A 23-LB. 3-YR.-OLD

Dam's record—23.5 lb. butter, 572 lb. milk in 7 days; 96.75 lb. butter, 2248 lb. milk in 30 days—best day's milk 87 lb. Her sire is a brother to De Kol Creamelle. Calf is sired by Matador Walker, a ¾ brother to a 33-lb. 4-yr.-old.

Also a grandson and **granddaughter of 44-lb.** cow for sale.

THE BOYSON HERD

Rome New York.

BEFORE COLD WEATHER

Will sell fifteen to twenty females, cows or heifers. Take your pick from our herd of a hundred head.

JAMES W. FEAR,
Maple Grove Stock Farm,
Holland Patent, N. Y.

Polled Holstein-Friesian Cattle.

Registered and A. R. O. in the Holstein-Friesian Herd Books of America. World's records for polled cattle. Bull calves for sale at $100.00 up. Send for catalogue.

Geo. E. Stevenson & Sons,
Waverly, Pa.

For Sale—Grandsons of TIDY ABBEKERK PRINCE 37770

Who has seven 30-lb. daughters.

1. Yearling; dam has 20.045 lbs. butter, A. R. O. at 3 years.
2. Yearling; dam has 18.944 lbs. butter, A. R. O. at 3 years.
3. Yearling; dam has 16.738 lbs. butter, A. R. O. at 2 years.

All sired by Dutchland Empress Sir Hengerveld whose grandsires are Pontiac Korndyke and Hengerveld De Kol.

GEO. F. BLEWER ESTATE,
Newark Valley, N. Y.

FOR SALE

Seed corn—Silver King (Wis. No. 7) Golden Glow (Wis. No. 12). Fire dried. Perfect germination.

Write the **Town View Stock Farm.**
WM. C. VOIGHT, LOMIRA, WIS.

Am offering two yearling bulls and 3 bull calves from dams that made 28 lbs. butter in 7 days and 116 lbs. in 30 days from bull with Grace Fayne 2d breeding.

E. W. ANDERS,

Route 2. Morristown, Pa.

Bonnie View Farm

The herd is headed by SPRING FARM KING PONTIAC 5TH 103898.

His dam and sire's dam average:—

Butter, 7 days	36.17
Butter, 30 days	140.62
Butter, 365 days	1,035.75
Milk, 365 days	19,662.90
Per cent. fat	4.21

The highest record son of Spring Farm King Pontiac, who in turn is the highest record son of King of the Pontiacs.

JAMES GIBSON, Prop.

White Plains, N. Y.

SHOW BULL-READY FOR SERVICE

Dam a 21-lb. cow and a first prize winner.

Sire—De Kol Paul Cornucopia King, the best son of Aaggie Cornucopia King, the best son of Aaggie Cornucopia Johanna Lad Jr., and a full brother to World's Champion 2½ and 3½-year-old milk producer.

Breed the kind the public is demanding—good individuals, with plenty of milk production.

D. W. WRIGHT

LAKE VIEW FARM **CAMBRIDGE, N. Y.**

SOLD

To Mr. I. S. Hart, Sayre, Pa.

Bull calf born Nov. 30, 1914.

SIRE—King Pontiac Canary.
DAM—Lilith Canary Hartog A. R. O. 29.12.

SOLD to J. Grant Morse, Hamiton, N. Y.

Young sire King Pontiac Canary Walker

SIRE—King Pontiac Canary.
DAM—Walker Beryl Altoana A. R. O. 28.13 at 4 yr. 2 mo. 90 lb. milk in a day; 112.90 lb. in 30 da.

We have others as good. Let us place a sire at the head of your herd.

LAMB & LANGWORTHY,
MAPLEHURST FARMS
EAST HAMILTON, N. Y.

Hamilton Breeders

A. A. HARTSHORN HOLSTEIN COMPANY ..... One-half page

BULL WITH 30-LB. AVERAGE.
Just 2 years old.
Most popular breeding transmitting qualities as well as records.
Used in our herd past year. Good—price right.
H. W. HARTSHORN,
Culvert Brook Stock Farm,
Hamilton, N. Y.

30.65 LB.
This is the average for the three nearest dams of our herd sire, Beauty Pietertje Hamilton. We offer one of his sons, a February calf, out of a 19.7-lb. 3-yr.-old daughter of the 30-lb. sire, Artis De Kol Walker. Dam's dam, over 24 lb. A good calf at a reasonable price. Address
DR. O. S. Langworthy
Hamilton N. Y.

BULL CALF
Born Feb. 17, 1915.

Dam, at 3 years	19.58 lb.
Dam's dam	28.21 lb.
Sire's dam at 4 years	25.58 lb.
Sire's sire's dam	30.51 lb.

Calf is a fine individual, and the first check for $40 gets him.
J. C. MORRIS
Sunnyslope Herd Hamilton, N. Y.

WE CAN SUPPLY YOUR WANTS
in Holstein-Friesians—old or young, male or female, officially tested or untested. Eighty head to pick from. Tell us your wants. Address:
CHENANGO FARMS
Hamilton, N. Y.

J. GRANT MORSE
Breeder of just a few Holstein-Friesians of **individual merit.**
LAUREL FARM,
Hamilton, N. Y.

FOUR HOLSTEIN BULLS
3 to 9 months old; sire's full sister and dam have yearly records that were 10th and 15th from world's record dams. Sire has sisters through sire and dam with records 15th and 20th from world's record. Price $75.
ELTON CARRISON,
Osage, Iowa.

Alfalfa Hay

FOR A. R. O. TESTS
PIONEER FARMS
E. K. MUNRO Camillus, N. Y.

KANSAS CITY FARM

Breeders of K. C. Holsteins. S. O. Records.
T. J. DAUGHENBAUGH,
Springfield, Ill.

MOUND PRAIRIE STOCK FARM
offers two registered Holstein Bulls ready for service. Backed by A. R. O. records. Light in color, good individuals. Price right.
S. H. BIRD, SOUTH BYRON, WIS.

GRANDSONS OF KING OF THE PONTIACS
By King of the Pontiacs 15.
From cows combining individuality with large milk and butter records.
Choice calves with good breeding may now be obtained at reasonable prices. Address:
CARL G. WOOSTER
Red Creek New York.

A BULL BARGAIN

We are offering a very fine calf born Dec. 9, 1914

SIRE
Prince Korndyke Pontiac
A coming sire.
Can you beat his breeding?

Pontiac Korndyke
106 A. R. O. dau.
11 above 30 lb.
The greatest sire.
Pontiac Korndyke Maid
Butter 33.76
Milk 535.00

Pontiac Korndyke
(See above)
Winana Piet. Posch
Butter 20.51
Daughter of Winana Beets De Kol.

Queen Segis Korndyke No. 119303
Butter 5 y ...21.06
Milk 425.50
Butter 3 y 19.03
30 days 78.57

King Segis Beets
40 A. R. O. daughters
2 above 30 lb.
All young and in good hands.

King Segis
85 A. R. O. daughters
7 above 30 lb.
Pauline Beets Catrina
Butter 24.47
One 33-lb. daughter.

Queen Hartog Korn No. 94382.
Butter 3½ y ..19.87
Milk 438.80
By one of the best sons of Sir Korndyke Manor De Kol.

Salo Korndyke De Kol
13 A. R. O. daughters, 2 with records of 31 and 33 lb.
Lady Hartog Star
3 A. R. O. daughters
3 producing daughters.

This is a splendid combination of breeding with a price too low to publish. Address:

HUGH J. DAVIS

Maple Ridge Herd **Broadalbin, N. Y.**

Sons of Herd Sire

UNEEDA KORNDYKE ABIGAIL BOY 102287

He is son of the 33-lb. cow, Uneeda Korndyke Abigail, "Best cow owned in the herd of John Arfmann." She is daughter of the 40-lb. bull, **Johanna McKinley Segis**, son of **King Segis**.
Offer No. 1.—Bull born in June from a 24½-lb. cow.
Offer No. 2.—Bull born in March from a 20-lb. cow.
Also a number of younger cows.

HENRY ANTHES. **JEFFERSON, WIS.**

FOR SALE--HEIFERS

Two 3 yr. old heifers bred to **Sir Korndyke Pontiac Artis 10th**, no. 92827 price each $175. Bull calves by same sire from A. R. O. dams.

BELVOIR FARM

Lake Geneva **Wisconsin.**

CLOSE TO THE FOUNTAIN HEADS OF HOLSTEIN QUALITY

Bull calf born Feb. 3, 1915—nicely marked, more white than black—a good calf in every respect—like all the get of his sire—with a pedigree hard to fault.

SIRE
Korndyke Butter Boy 38496
38 A. R. O. daughters with records up to 24 lb. at 2 yr. 4 mo.
Making good through both sons and daughters.
Carries 87½ per cent of the blood of Belle Korndyke, De Kol 2d and Netherland Hengerveld.

De Kol 2d's Butter Boy 3d
118 A. R. O. daughters, 1 above 31 lb.
3 2-yr-olds above 800 lb. in a year.
86 A. R. O. sons
22 30-lb. granddaughters.

Korndyke Queen De Kol
Butter 7 days..24.42
Milk 501.40
5 A. R .O. daughters
4 A. R. O. sons
5 30-lb. granddaughters.

Manor De Kol
34 A. R. O. daughters
22 A. R. O. sons
De Kol 2d
Butter 26.58
Foundation of De Kol family.

Manor De Kol
(See above)
Son of Netherland Hengerveld, 26.67 lb.
Belle Korndyke
Butter 25.77
Foundation of Korndyke family.

DAM
Butter Girl May Korn Butter Girl May Korndyke 167960
Butter 4yr 1 mo 27.46
Milk 433.80
Butter 2½ y ..16.68
Milk 355.10
One of the most promising heifers in our herd.

Pontiac Korndyke
106 A. R. O. daughters
11 from 30 to 38 lb.
21 granddaughters 30 to 44 lb.
Greatest sire of the breed.

Butter Boy May Pietertje
Butter 4½ y...23.82
Milk 573.30
One 27-lb. 4-yr.-old.

Manor Josephine De Kol
6 A. R. O. daughters
5 A. R. O. sons
Belle Korndyke
Butter 25.77
Foundation of Korndyke family.

De Kol 2d's Butter Boy 3d
116 A. R. O. daughters
86 A. R. O. sons
May Pietertje 2d
Butter 7 days..23.43
Butter 30 days.92.00
4 A. R. O. daughters

This is one of the best calves we can offer you—and for real quality, he cannot be duplicated at our price.

HARRY B. DAVIS, Davisdale Herd, CHESTER, N. Y.

NONPAREIL FARM

Herd sire, King Pontiac Lilith Altoana, No. 107196. Service fee $50.00.

People wanting service bulls from this sire and our A. R. O. cows will hereafter have to place their orders in advance as the demand seems to be greater than the supply this year.

FAY & CLOYES, Props.
Earlville, N. Y.

BLUE BOOK

Every Holstein Breeder Needs the Blue Book to Aid Him in Making His Breeding Operations Successful.

Have you subscribed for the 25th volume You can not afford to be without it. All experienced breeders consider the book indispensable in tracing the breeding and relationship of A. R. O. animals. The 25th volume is now ready for distribution. It contains 1,070 pages of condensed information relating to Holstein-Friesian cattle, including whole Advanced Register of last year. The official name of the book is Advanced Register Year Book, and the price is $2.00 per copy to all. Send all applications with price to

M. H. GARDNER. Supt A. R.
Delavan, Wis.

UP-TO-DATE

Typewritten Pedigrees

On best quality paper 9½x14 with diagram **fifty and seventy-five cents each.** Carbon copies ten cents each. **Sale Catalogs $2.50 per page including cover.** Give name and number of Sire and Dam of animals having numbers above 239854 in cows and 132639 in bulls. For further information write.

F. G. JOHNSTON
37 W. Lane Ave. **Columbus, Ohio.**

BELLEVIEW FARM

Breeder of large typical Holstein-Friesians. Choice bulls, tuberculin tested. Backed by high average records.

E. B. WATROUS
Troy Center **Wis.**

THREE OR FOUR YOUNG COWS

We can spare 3 or 4 young cows from two to four years old, granddaughters of King Segis Paul Beets De Kol, De Kol Hengerveld Burke or Sir Clyde. Bred to a son of King of the Pontiacs.

Frank Backman, Weedsport, New York

THESE WILL MAKE GOOD

We offer exceptionally good bull calves from ARO Johanna cows and sired by **Spring Farm King Pontiac Mercedes**, a 31.8 lb. grandson of King of the Pontiacs. One nearly ready for service, 4 dams ave. 29.45; price $350.

BARKER FARM
Chippewa Falls **Wis.**

THE 33-lb. BULL

Pietertje Hengerveld Segis is sire of a splendid young bull we are now offering. He was born Feb. 23, 1914, and his dam is Arcady Lyons Alcestis with the wonderful record at 2½ years of 20.84 lbs. butter, 353 lbs. milk in 7 days; average test 4.75 per cent fat.

Next dam a 25.6-lb. four-year-old daughter of Paul Beets De Kol; next dam 22.15 lbs.

The dam's sire is Pietertje Hengerveld Segis which brings this great sire as close as possible on both sides of the pedigree. He was by King Segis and from the 33-lb. cow Blanche Lyons De Kol.

This young bull is a beautiful individual; largely white in color. His pedigree is 100 per cent perfect.

See our advertisement in Jan. 2nd World.

H. C. SWARTOUT

Terracelawn Farms

HARTWICK SEMINARY, Otsego County, N. Y.

See our advertisement in Jan. 2nd World.

MORSEFIELD HERD

NORTH HAVERHILL, N. H.

Herd numbers fifty head, combining breeding, individual quality and producing ability as shown in A. R. O. tests.

Herd sire—King Segis Pontiac Grover, a show bull, by King Segis Pontiac and from one of the best daughters of King of the Pontiacs.

Address

FRED E. WELLS, Proprietor, Box 246, SYRACUSE, N. Y.

King Walker Segis 2nd 102844

Six of whose nearest dams average over 30 pounds.

Sire—King Walker Segis.

Dam—Betta Lyons De Kol.

BULLS FOR SALE:

1—Born Nov. 13, 1913; color, more white than black. Dam's record 24.93 lbs. Price $125.

2—Born Nov. 1913; color, 90 per cent white. Dam's record 27.87 lbs. butter, 596 lbs. milk. Milk one day 94.6 lbs.

Price $300. Satisfaction guaranteed.

W. H. CANDEE

GREEN RIDGE FARM

WATERVILLE N. Y.

NORTH STAR HERD

Home of

Sir Beets Cornucopia Netherland 38460

Johanna Bonheur Champion 94984

All our milking females are carried in semi-official yearly test under normal conditions. Our show ring records have never been duplicated.

INDIVIDUALITY PRODUCTION BREEDING

We have for sale a few bull calves representing this combination. They are winners by right of inheritance. Inspection is welcomed.

W. S. MOSCRIP, Lake Elmo, Minn.

LACONA BREEDERS

Henry Stevens & Son—Ad. on back cover page.

SPRING FARM KING PONTIAC 13TH.

Heads our herd. He was by the best son of King of the Pontiacs, and from one of the best daughters of the best son of Hengerveld De Kol. He has better than a 31-lb. average for his two nearest dams.

We have two daughters of the $15,000 bull, and several cows in calf to him. Also some bred to Spring Farm King Pontiac 6th, and our herd sire. 30 head to select from.

COLVIN & DESHANE

Richland New York

WHEAT HILL HERD

30 Holsteins of Quality.

Herd headed by Pleasant Hill Pontiac Veeman Wayne. His 3 nearest dams and 3 full sisters to his dam average (for the six) 30.24 lbs. He was by Sir Korndyke Pontiac Artis and from Queen Veeman Wayne (29.27 lbs. at 4½ years), whose sire, Sir Veeman Hengerveld, now has seven 30-lb. daughters.

W. J. SNYDER, Lacona, New York.

TO REDUCE HERD would sell 8 to 10 head at reasonable prices. Herd numbers 44 head including 7 daugrters of Woodcrest Aaggie Jewel Son, with 4 3-yr.-old daughters averaging 27.44 lb.

Granddaughters of King of the Pontiacs and De Kol 2d's Butter Boy 3d.

Practically all milking females have good A. R. O. records.

Nearly all due next fall.

A. T. BLOUNT

Pine Ridge Herd Lacona, N. Y.

HOMESTEAD FARM

Offers four fine, straight heifers, 14 to 18 mo. old, two bred to Albina Butter Boy, the famous 29-lb. son of De Kol 2d's Butter Boy 3d, also 2 bull calves three months old, at $25.00 each.

D. J. HOLLIS

Lacona N. Y.

LACONA HERD—50 head, all ages.

Herd headed by Sir Pontiac Artis Veeman, a son of Sir Korndyke Pontiac Artis, from a 31-lb. daughter of Sir Veeman Hengerveld.

A fine bunch of Johanna cows and heifers for sale.

B. E. MEAD, Lacona, New York.

BARRED ROCKS

Famous Prize-winning Strains

Typical representatives—heavy layers

A limited number of eggs for setting from choice selected pens at very reasonable prices.

H. A. PRESCOTT,

Bellevue Herd, Lacona, New York.

N. B.—Only one Pontiac bull calf left—out of a four-year-old dam that has averaged over 60 pounds milk per day for past 5 months.

BULLS FOR DAIRYMEN

No. 1. Born March 1, 1915. A big, blocky calf, ½ white. Sire, a son of King of the Black and Whites with nine 30-lb. cows in the first four generations of his pedigree.

Dam, a granddaughter of Prilly.

Here is a Prilly-Walker combination hard to beat. Write for photograph and pedigree.

H.-F. Breeders' Assoc. of Chester County,

P. M. Eicks, Sec., Avondale, Pa.

WAUSEONA HERD

Busy making A. R. O. records.

Plenty of extra good stock for sale.

Bulls and heifers with good A. R. O. breeding.

No foot and mouth disease in Fulton County.

BURR BROS.

Fulton County Wauseon, Ohio.

From Transmitting Ancestry

We have a son of King Segis Beets 48702, who now has 40 daughters in the A. R. with records that make him the best son of King Segis.

The dam of this bull is Rosa Inka Concordia 69021, with 27.18 lbs. butter, 672.8 lbs. milk at 10 years—a granddaughter of Sadie Vale Concordia.

She has produced a 31.53-lb. junior four-year-old daughter, also a two-year-old daughter with 21.24 lbs. butter, both own sisters to this bull. She has still another daughter that will freshen as a two-year-old next month; own sister to all of the above. That looks as though she would trim the others.

This bull was born March 23rd, 1914. Now ready for service. Three-quarters white; nicely marked; an exceptional individual; just as straight and square as possible to make one.

The sire weighs 2,600 pounds; the dam 1,800 pounds.

The bull will please you, and the price will likewise.

For complete information address:

J. A. STANTON & SON

HILLDALE STOCK FARM

NEW WOODSTOCK N. Y.

Bulls Slaughtered

In Price Only From $35.00 Up

WRITE US

MAPLE FARM Middleville, N. Y.

A Quality Feed at the Right Price

Unicorn Dairy Ration

Eastern Selling Office
7 R Merchants Row
Boston, Mass.

CHAPIN & CO.,

Western Selling Office
Box R
Hammond, Ind.

REST EASY HERD

Has in the last 12 months made 9 records over 30 pounds which we think is more than any other herd has made in the same length of time.

A good place to buy cattle, especially your next herd sire, where the dam is sure to increase her record.

Only two sons of King Pontiac Mayflower left; both from high record dams. A good time to buy as they are sure to advance in price.

H. M. DUNHAM & SONS

MARCELLUS, N. Y.

New Woodstock Breeders

J. A. STANTON & SON ..One-half page

FOR SALE—Sir Korndyke Segis Burke No. 146598; born Feb. 7, 1914. Fine individual; more white than black. Sire the 31-lb. bull Sir Urmagel Burke. Dam, 22-lb. junior three-year-old granddaughter of King Segis. Dam's record, 7 days, milk 489.8, fat 3.592; butter 21.922 lbs., 30 days, 2055.3 lbs., fat 3.569; butter 91.776 lbs. She is a daughter of De Kol Beets Segis.

DAMON BROTHERS,
New Woodstock, N. Y.

SIR URMAGEL BURKE.

Heads our herd. He is by De Kol Hengerveld Burke. His dam, Urmagelsche 2d A has 31.24 lbs. and has two 30-lb. daughters, one having 35 lbs. Herd numbers 60 head. Address:

F. L. FREEBORN,
New Woodstock, New York.

26.61-LB. BULL CALF

Born Nov. 19, 1914; mostly white. Sire—Marcella Hengerveld Champion 93151. Dam—Clothilde Imperial De Kol 69179. In test but 7 days, and made over 23 lb. Average above given includes, dam and 3 nearest dams of sire.

A good calf, at a right price.
Address.

IRVING H. LEE
New Woodstock New York

BY A 26-LB. SIRE

We offer a bull calf by a 26-lb. son of De Kol Beets Segis, and from a 16-lb. granddaughter of De Kol Hengerveld Burke. A good calf at a reasonable price. Herd sire, a son of King Segis Pontiac Alcartra.

F. L. & I. H. HUNT
New Woodstock N. Y.

GRANDSON OF KING OF THE PONTIACS

From an A. R. O. dam for sale. A fine youngster. Come and see him and his dam. Also a few sons of Korndyke Defiance Segis. Prices very low.

A. L. LAMUNION,
New Woodstock, N. Y.

THE ASYLUM HERD

"Where the Champions come from"

Offer Bull Calves sired by sons of Pontiac Korndyke, Hengerveld De Kol, Pontiac Dutchland, or Admiral Walker Pietertje.

Do you want a Pontiac in your herd?

Pontiac State Hospital, Pontioc, Mich.

---

3 GOOD BULLS FOR SALE

Sired by a son of Admiral Walker Pietertje and dams are A. R. O. young cows.

No reasonable offer will be refused.
Inquire of

A. B. MILES
Philadelphia N. Y.

GRANITE STATE HERD

All sons of Dutchland Pietertje Leda over 5 mo. old have been sold. How about a young son, largely white, well built, from a 17-lb. daughter of Admiral Walker Pietertje, 55 A. R. O. daughters? The dam is sure to largely increase her record.

JOHN E. POTTER
Conway N. H.

FOR SALE

Bull calf born Jan. 21, 1915. Dam a 15.32-lb. 2-yr.-old granddaughter of Pontiac Korndyke. Sire is Johanna Lady Korndyke No. 8470. His dam Pontiac Lady Korndyke 38.03 lb. butter.

Calf straight and right in every way with handsome markings.
Address:

M. J. RODGER
Hammond New York.

PIETJE ALCARTRA FAYNE 88972

Sire's sire—Homestead Girl De Kol Sarcastic Lad 32552.
103 A. R. O. daughters including:

Woodcrest Houwtje	31.18	691.90
Pietje 22d's Second Daughter		
7 days	29.51	584.70
30 days	117.382	2507.60
Mildred Soldene De Kol	29.215	584.20
Woodcrest May	27.70	557.70
Woodcrest Homestead Princess	27.45	604.80

We have a fine son of Pietje Alcartra Fayne from Maplemont Vinnie, a sure 30-lb. cow. Price $750.00.

Breed a few cows to Pietje Alcartra Fayne. Service fee $100.00.

J. W. Prentiss & Son Alstead, N. H.

Dispersal Sale of

DR. D. B. HAND'S entire herd, Scranton, Pa., June 8-9 headed by a son of KING SEGIS PONTIAC ALCARTRA and FAIRMONT ZERMA SEGIS PIETJE 107672. 35.61 lbs. as junior four-year-old. (World's Record.)

Fifty Cows Bred to This Bull

A Consignment from Geo. Stevenson & Sons Herd

Can Take a few more Consignments

Address for catalogue and other information.

F. CROMWELL HAND,

Rookery Building SCRANTON, PA.

WALCOWIS FARMS

Offer **Walcowis Johanna Beets,** born Nov. 13, 1914. A fine individual, well grown and more white than black.

Sire, Buffalo Forty Beets, dams yearly record 1024 lbs. butter and 25,660 lbs. milk. Undefeated in 1914 as a 2 yr. old at National Dairy Show, Dairy Cattle Congress and 5 state fairs.

Dam, Buffalo Juno Johanna, A. R. O. at 3 yrs. 7 mo. 20.11 lbs. butter and 436.80 lbs. milk. Daughter of **Johanna Colantha's Lad** 21 A. R. O. daughters. He by **Sarcastic Lad** and from **Johanna Colantha,** 26.48 in 7 days and 796.57 lbs. in a year. Dam of **Walcowis Johanna Champion,** junior champion bull at last National Dairy Show.

For price, pedigree and photo, address,

A. B. Dickinson, Lake Geneva, Wis.

Homewood Farms

RYE, NEW YORK

The 2-year-old bull we offered recently has been sold.

We now offer the following young bulls. Ready For Service.

1. Born Sept. 28, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Gretchen Hengerveld Pietertje, No. 79405.
2. Born Oct. 13, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Netherland Nemesis De Kol 2d Lass No. 129936.
3. Born Dec. 22, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Blanche of Stony Ridge, No. 154569.
4. Born Nov. 1, 1913.
   Sire—Dummerston 36, No. 105-043.
   Dam—Londonderry Allons Lyons, No. 131426.

These bulls are all well bred and splendid individuals. We hope to give their dams records in the near future.

The dam of Prince Ormsby Beets, MANOR DE KOL LADY BURKE 3D, No. 79931, has an A. R. O. record of 24.81 lbs. He is by PAUL BEETS COLANTHA, No. 48269, who has 12 A. R. O. daughters, one with a 30-lb. four-year-old record.

Dummerston 36, is by the great ADMIRAL WALKER GELSCHE, No. 44227. His dam is a three-quarter sister of the dam of the World's record cow.

ADMIRAL WALKER GELSCHE, is our Senior Herd Sire.

Herd regularly tested for tuberculosis.

Richard T. Wainwright

RYE, N. Y,

BOND CENTURY FARM
Canastota, N. Y.

Grandsons of King of the Pontiacs, from A. R. O. dams for sale. Address

W. E. BOND
Potsdam, N. Y.

Or call at the farm W. A. Hotchkiss, Manager.

KEYSTONE FARMS

For the next 30 days will make low prices on sons of Prince Segis Korndyke Jr. son of a 30½ lb. daughter of Pietertje Hengerveld's Count De Kol, also on sons of Segis Hengerveld Beets Lyons whose dam, Bloomingdale Hengerveld Edith is the 32.45-lb. daughter of Hengerveld De Kol whose photo appeared in the Jan. 9 edition of the H.-F. World.

C. A. PRATT
Le Raysville Pa.

FOR SALE

Grand-daughters of Sir Johanna De Kol. One year and under, sired by Sir Johanna De Kol 23rd 73996. Out of well bred and good producing dams. Also dams out of A. R. O. cows.

CARL MUTH DAIRY
Egbert Muth, Prop. Sheboygan, Wis.

BULL CALF FOR SALE

Nearly ready for service, nicely marked and well grown, born Mar. 18, 1914. Sire 27 lb. son of Pontiac Korndyke. Dam 22 lb. daughter of Prince Ybma Spofford. Send for photo and pedigree.

L. W. DURGAN
Saranac Lake New York.

A STUDY IN HEREDITY---Meadow Brook Herd Sires

No. 1.

SIR PRILLY WALKER

26 A. R. O. daughters—
Meadow Brook Prilly Daisy
3½ years 30.13
Milk 560.00
(6th prize 1913-14)
5 othr heifers above 21 lbs.
A growing list.
The youngest sire of the breed to have a 30-lb. daughter. Sir Prilly Walker, and his five nearest sires, each have one or more 30-lb. daughters.
He is **bred for production.**

Judge Hengerveld De Kol
12 A. R. D. daughters—
Isabella Henberveld 30.43
Gypsy Hengerveld ..3½ yrs. 29.24
Pauline Paul Wayne Sadie 2d
.....4 y 28.17
Duchess Heng. Korn. ..3½ y. 27.19
365 days 1103.00
(World's record)
4 other heifers—23 to 25 lb.
7 A. R. O. sons.

Plum Prilly Walker
Butter 3 yr 24.18
Milk 416.50
One A. R. O. daughter.
For her age, the best daughter of her dam, who is the greatest transmitting cow of the breed through her daughters.

Hengerveld De Kol
116 A. R. O. daugnters
9 above 30 lb.

Johanna Vernon De Kol
Butter 4½ y 28.60
Milk 590.40
Butter 30 days 113.45
Milk 2396.10
Daughter of Johanna Rue 3d's Lad.

Admiral Walker Pietertje
52 A. R. O. daughters—3 above 30 lb.
Whole number averaging over 20 lb.

Prilly
Butter 12 y 25.20
6 A. R. O. daughters with records of 24 lb. at 3 yr. to 30.151 lb.
7 30-lb. granddaughters.

No. 2.

LEWIS PRILLY ROUBLE HARTOG 2d

7 A. R. O. daughters
All good ones.
His dam is the only 30-lb. 4-yr.-old having a 30-lb. 3-yr.-old daughter, and a 31-lb. dam. His sire has 75 per cent the same breeding as Abby Hartog Clothilde, and 50 per cent the same as Buttercup Clo-Pietertje—each at the head of a series of 3 generations of 30-lb. cows. His sire's sire's dam is at the head of another series.

Lewis Prilly Rouble Hartog
13 A. R. O. daughters—
Carlotta Piet. Spofford 28.68
4 yr. 26.16
Capitola Hartog 23.18

Addie De Kol Hartog
Butter 4 yr 30.50
Milk 518.70
Butter 30 days 118.61
Milk 2336.70
Dam of—
Addie De Kol Hartog 2d..3½ y 30.68
Milk 640.00
Adelaide King 20.52

Beauty Pietertje Butter King
24 A. R. O. daughters—
1 above 31 lb.
His dam, Beauty Pietertje (30.51 lb.)

Margaret Rouble Hartog
Butter 23.82
Dam of Abby Hartog Clothilde (31.39 lb.)

Teddy De Kol Burke Spofford
11 A. R. O. daughters—
Lottie Walker Spofford..4½ y 32.50
(A 4-time 30-lb. cow).
9 others from 20 to 30 lb.

Abby Hartog Clothilde
Butter 7 days 31.39
Butter 30 days 129.00
4 A. R. O. daughters, 3 with 4-yr.-old records of 27 to 30 lbs.
2 A. R. O. sons.

Would this combination look good in pedigree of your next herd sire? We have a number of sons of Lewis Prilly Rouble Hartog 2d, from high record daughters of Sir Prilly Walker at very reasonable prices.
For complete information address:

Dr. JOHN C. SHARPE, Prop., MEADOW BROOK FARMS

R. L. WILLIAMS, Supt. BLAIRSTOWN, N. Y.

BEACH & WIRT
BATTLE CREEK MICH.

BEACH SEGIS PONTIAC, whose sire is KING SEGIS PONTIAC

A young sire backed by the following combination of records:

	Butter 7 days.		Butter 7 days.
His sire's dam	37.21	Average for 6 nearest dams	28.78
His dam's sire's dam	33.21	Average for 8 nearest dams	27.71
His own dam at 4 years	28.39	Average for 10 nearest dams	27.55
Average for the three	32.97	Average for 12 nearest dams	26.47
Average for 2 nearest dams	32.80	Average for 14 nearest dams	25.51
Average for 4 nearest dams	29.07		

We will breed a few approved cows for $100 to insure a living calf, or $75 payable at the time of service with the privilege of the season.

We will breed a limited number of cows on shares. Write for our proposition.

LORENZO FARM

Herd Sire

LORENZO PONTIAC KORNDYKE

The 31-lb. Son of the Greatest Sire

Carrying 75 per cent of the blood of

PONTIAC KORNDYKE

His dam is Pontiac Queen Korndyke, a 31-lb daughter of Pontiac Korndyke.
His granddam, a 25.7-lb. cow, has demonstrated her wonderful transmitting power.
Lorenzo Pontiac Korndyke is going to be given an opportunity to show his worth in our select herd.

CHAS. S. FAIRCHILD, Prop. **CAZENOVIA, N. Y.**

WOODMONT FARMS

Offer a Bull Calf born Nov. 8, 1914.
Sire—**SPRING FARM BUTTER BOY,** whose dam, Tweedie De Kol Lass (34.39, average per cent fat 5.10), is also dam of the only 44-lb. cow, Twede De Kol Lass and her daughter, K. P. Pontiac Lass, hold the World's records for mother and daughter in both the 7- and 30-day divisions.
Dam—**MARGILL MINNIE GEORGIANA,** butter 2 yrs., 13 days, 15.31. Her sire was a direct descendant of Prilly, "Queen of the Breed." Her dam, Margill Minnie, 23.54. A beautiful individual and a good 30-lb. prospect.
A splendid individual, straight and well grown. In color, black with white points. Dam and sire's dam average 24.85. Pedigree on application. **Price $125.00.**

WOODMONT FARMS, MORRISVILLE, N. Y.

HEART'S DELIGHT FARM

SIR WALKER PONTIAC

A Splendid Opportunity to get a son of KING OF THE PONTIACS.
Sire: KING OF THE PONTIACS.
Dam: LUCINDA WALKER PIETERTJE (19.47-lb. butter in 7 days.)
Born June 27th, 1911.
Will exchange this bull for good strong heifers of the best families.

W. H. MINER, CHAZY, NEW YORK

Evolution of the automobile is the wonder of the Twentieth Century.

Evolution of the full blood strains leading up to Johanna King Segis No. 71964 is the greatest wonder of the century in Holstein history. He, his two brothers and mother sold for $56,150. You up-to-date breeders, consider this wonderful Johanna strain. Wouldn't this line of 40 pound breeding help your herd?

A call at our farms and a look at this sire and his offspring will be a reevlation and if you appreciate breeding and individuality you will take some of them home with you.

Service fee for Johanna King Segis $250.

Oak Grove and Twin Pine Stock Farms,

HOUSLET & McNUTT **OXFORD, WIS.**
Address all correspondence to N. Houslet, Oxford, Wis.

A BULLY BUNCH.

1 four-year-old grandson of Pontiac Butter Boy, out of a 27-lb. dam.
1 three-year-old GRANDSON OF PONTIAC KORNDYKE, out of a 31-lb. dam.
8 bulls ready for service.
10 bull calves, from two weeks to eight months old.
2 two-year-old heifers due to freshen in the spring.

Let me sell you your next bull, WON'T YOU? YES. Thank you, and I will expect to hear from you or see you soon. Don't wait until you need him, for the one you want may be gone then.

L. E. CONNELL, - - - FAYETTE, OHIO

BULL CALF

born March 11, 1914.

Sire, Premier Pontiac, a son of Pontiac Korndyke and Sadie Pontiac Korndyke 102.4 lbs. milk 1 day. 687 lbs. milk 29.56 lbs. butter in 7 days.
Dam of calf, Meadow Clothilde De Kol 2d a 20-lb. 3-yr.-old. This calf is a handsomely marked, fine individual, and is priced to sell. Send at once for pedigree.

F. H. THOMSON & SON **HOLLAND PATENT, N. Y.**

EMBLAGAARD HERD

SIRES IN SERVICE

COLANTHA JOHANNA CHAMPION 45674

THE PROVEN SON OF COLANTHA 4TH'S JOHANNA

EMBLAGAARD PRINCE 80596

A son of Segis Walker Pietertje, 27.85 lbs. at 3½ yrs. His sire's dam, Abby Hartog Clothilde, 31.99 lbs., and dam's dam, Ruby Walker Pietertje, 30.21 lbs. are two of the only 4 30-lb. cows of the breed that have produced 30 lb. daughters, that have also produced 30 lb. daughters.

EMBLAGAARD DAIRY, BIG BAY, MICHIGAN

VALDESSA SCOT 2d
41.87 lbs. butter 7 days

FINDERNE HOLLINGEN FAYNE
1395.06 lbs. butter 365 days
World's Record

WE DON'T CLAIM

to

own the World's Greatest Herd

KING VALDESSA

His dam and sire's dam 7 day butter records average 43.03 lbs.

We can sell you bulls old enough for service bred right along these lines of breeding
If you want Holsteins, the real kind, write;

FINDERNE PRIDE JOHANNE RUE
36.87 lb. butter 7 days
28.16 lb. butter 7 days eight months after calving Worlds Record.
Is now on the home stretch in the semi-official race.

Somerset Holstein Breeders' Co.

Sommerville, N. J.

FINDERNE MUTUAL FAYNE

Watch her make the home run

300 PURE BRED HOLSTEINS

Two of the Greatest Sales Ever Held

MAY 5th AND 6th, - LAKE MILLS, WIS.
MAY 7th - - - WATERTOWN, WIS.

The Lake Mills Sale contains a fine consignment of 40 head from F. J. Bristol & Sons, Oakfield, Wis., including their famous bull, King Segis Pontiac Polkadot, of $50,000 quality, 6 of his daughters, 4 of his sons, 7 granddaughters of Johanna McKinley Segis, daughters of 30 lb. cows, a daughter of King of the Pontiacs, and a fine lot of young cows bred to the *Polkadot* bull.

Other good things.—A son of Pontiac Korndyke from a daughter of Rag Apple Korndyke, the *Dollar* kind, daughters of Johanna McKinley Segis, a good number of officially tested cows, sons and daughters of King Pontiac Asia, Canary Fobes Burke Homestead and others.

The Watertown sale, among other good things contains several A. R. O. daughters of Homestead Jr. De Kol, also several grand daughters.

Don't Miss This.
F. H. Everson, Mgr.,
Lake Mills, Wis.

Send for Catalogues.
S. E. Jones, Mgr.,
Watertown, Wis.

Auctioneers.—Haeger, Kelly & Mack.

Sales Mgrs.—Harrington & Gerow, Madison, Wis.

FOR SALE

St. Lawrence County Holsteins **St. Lawrence County Holsteins**

A car load of pure bred, registered Holstein females, daughters of Christopher Columbo 46305, ranging from one to two years of age. Every animal a fine individual and in vigorous growing condition. Christopher Columbo is a son of De Kol 2d's Butter Boy 3rd and Pontiac Columbo (29.87 lbs.), a daughter of Hengerveld De Kol.

Each animal will be tuberculin tested in case buyer desires to ship out of the State.

These are St. Lawrence County Holsteins where there has never been any foot and mouth disease. More than this, no purchases of cattle have been made by us for a long time and every member of our herd has been regularly tuberculin tested. We can give you vigorous and healthy animals.

Here is one of the finest young dairies ever placed upon the market, and without exception, the finest lot we have ever offered for sale. The first person that is willing to pay the price gets the Herd.

ZOLLER HOLSTEINS

Farm located EDWARDSVILLE, ST. LAWRENCE COUNTY, N. Y.

Railroad Station—Brier Hill, N. Y.

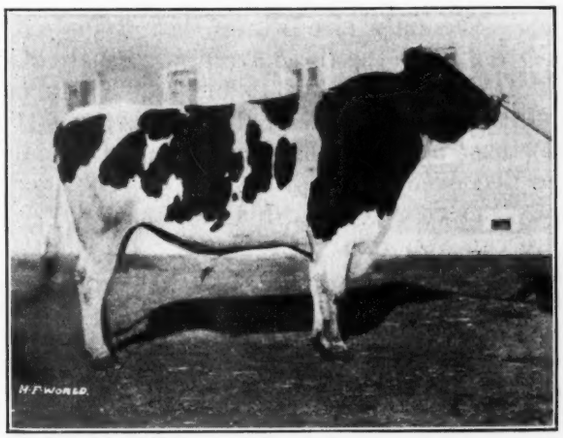
ADDRESS—V. L. Zoller, R. D. No. 1, Hammond, N. Y., or J. F. Zoller, 501 Brandywine Ave., Schenectady, N. Y.

TELEGRAPH OFFICE—Brier Hill, N. Y.

Sir Pietertje Ormsby Mercedes 22d

INDIVIDUALITY With World Record Production

7-Day Records, Yearly Records Show Records



A sire of exceptionally great individuality. He is three years old and weighs 2175 lb. He is a full brother of FYTJE PIETERTJE ORMSBY MERCEDES, 23.15 lb. butter in 7 days and 18431.7 lb. milk; 783 lb. butter in one year at the age of 24 months. He is also a brother to BESS PIETERTJE ORMSBY MERCEDES 759 lb. milk and 33.15 lb. butter at the age of 3 years, 3 months. World records for milk her age. Also to Queen Piebe Mercedes, 29.8 lb. butter at 2 years, 10 months. World record two-year-old.

SIRE: SIR PIETERTJE ORMSBY MERCEDES. The Greatest Sire of the Breed for combining World Record Production with Show Type.

DAM: RIVERVIEW FYTJE DE KOL ORMSBY

7 days, 648.1 lb. milk, 29.98 lb. butter
1 year, 26134.2 lb. milk, 1070.75 lb. butter
3 A. R. O. daughters. Her sire's dam has 30.05 lb.

This cow is a fine individual and weighs 1700 lb. in normal condition.

BREEDERS: If you lack individuality or Production in Your Herd, SIR PIETERTJE ORMSBY MERCEDES 22d is the Sire to Help You Out.

E. C. SCHROEDER, Moorhead Minnesota

There is a Good Time Coming

We have determined to do our best to "Help it on." For the next two months, we are going to sell both males and females at such prices that it will mean money out of YOUR POCKETS not to buy. Write us what you want. Get our quotations. Buy NOW.

ALSO, we will assume all risks until quarantine conditions are such that shipment can be made. It is a sure thing for you. We take the chances.

A NEW "BOOK OF BULLS" JUST OUT

Write For It.

In this book are sons of the greatest sires of the Breed including King of the Pontiacs who now has 144 tested daughters. Anyone of the bulls will be a credit to your herd, and the price has been cut to the limit. You can't afford to miss this apportunity. Tomorrow may be too late. Write us today.

Stevens Brothers Company

Liverpool, N. Y.

THE PLEASANT HILL HERD SIRES

1—SIR VEEMAN HENGERVELD 60 A. R. O. daughters—7 above 30 lb.—only one other living sire has a larger number—no other living sire has as many daughters above 29 lb. No other sire that ever lived has as many daughters with 30-lb. records made before maturity. AND MORE COMING.

2—KING KORNDYKE SADIE VALE The only sire whose first 3 daughters have each made junior 2-yr.-old records above 22 lb.—the three averaging nearly 24 lb. The only sire whose THREE NEAREST DAMS average 36.3 lb. butter, 677.3 lb. milk in 7 days; and 144.01 lb. butter, 677.3 lb. milk in 30 days. The only sire having a 41-lb. dam and a 40-lb. sister. The records of his three nearest dams, and a daughter of both his sire and of his dam average—for the five, over 37 lb.

A few young bulls from high-record dams representing this combination.

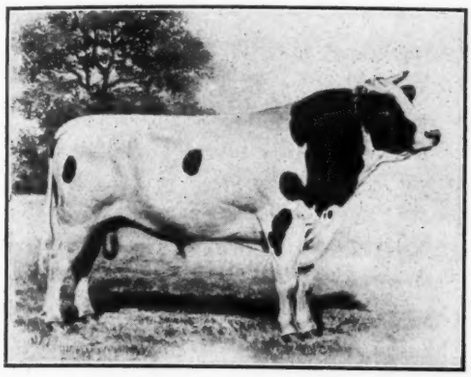
For breeding and proven ability where can you find their equal? Individuality goes with all the rest.

W. D. ROBENS

Pleasant Hill Herd **POLAND, N. Y.**

A limited number of approved cows will be accepted for service. Write for terms.

JENNINGSHURST STOCK FARMS



RAG APPLE KORNDYKE 48020

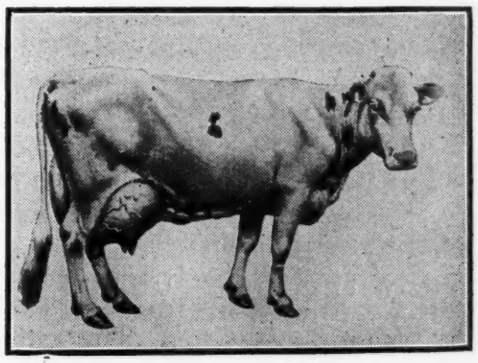
A few facts concerning RAG APPLE.

His sire is a WORLD'S CHAMPION BULL. His dam is a WORLD'S CHAMPION COW. His family includes the present World's Champion. His close ancestors are composed mostly of the greatest foundation animals of the breed.

RAG APPLE KORNDYKE.

Was purchased for	$5000.00
His Dam sold for	8000.00
His brother sold for	10000.00
Another brother sold for	4000.00
His 5 daughters sold at 2 years for	5500.00
Has a two-year-old son for which an offer has been refused of	8000.00

One son recently sold in public sale for $25,000.00, the record price.



PONTIAC RAG APPPLE 56980. His Dam

27 A. R. O. daughters—

Fairview Rag Apple D. K., 4 y	31.65
Fairview Rag Apple Pauline	26.43
Star Farm Cornu. Rag Apple	26.41
Sadie Vale Korndyke 2d, 3½ y	25.03
Fairview Lady Korn. Pauline	24.10
Fairview Pontiac Pet Korn., 4 y	23.85
Fairview Sadie Korndyke, 3 y	23.32
Mercedes Nannette 3d, 4 y	22.64
Fairview Sadie Vale Korn	22.30
Mercedes Julip D. K. Piet. 2d, 4 y	21.56
Rag Apple Korndyke's Daughter, 2½ y	20.42
Pontiac Clo. Korn. 2d Lass, 2½ y	20.39
Fairview Rag Apple Darkness, 3 y	20.03

6 A. R. O. sons.

RAG APPLE KORNDYKE

While this great sire needs no introduction, it is a pleasure to note the following facts, which require nothing misleading, exaggerated, or any senational exploits to attract attention.

Seriously realizing the important and combined qualities of a sire to head the herd at Jenningshurst and to promote our standards of breeding to the highest degree attainable, we sought the very best bull obtainable regardless of cost. Several months were taken to make an extensive investigation and inspection of the bull world covering the United States, Canada, and the advisability of an importation. Finally, after careful consideration of over twelve hundred, of every description and combination imaginable, the purchase of RAG APPLE KORNDYKE was decided upon; $5,000.00 being paid for him with many assurances that he is in every way one of the World's greatest sires today.

Has 100 per cent the same breeding as Pontiac Clothilde De Kol 2d (37.21 lbs., WORLD'S RECORD, Butter in seven days, 1,271.60 lbs. in a year) who was the first 37-lb. cow of the breed and likewise the first to produce over 1,000 lbs. butter fat in a year.

Has 87½ per cent of the same breeding as Pontiac Pet (37.68 lbs.) WORLD'S RECORD, the second 37-lb. cow.

Has 75 per cent the same breeding as Pontiac Lady Korndyke (38.03 WORLD'S RECORD, the first 38-lb. cow.

Has 87½ per cent the same breeding as King of the Pontiacs, the sire of: K. P. Pontiac Lass **(Present World's Champion)** 44.18.

She is the only 44-lb. cow in the world.

RAG APPLE KORNDYKE was designed by Mr. Dollar, the logical successor to Pontiac Korndyke and for this purpose was held in reserve for many years, which explains the limited number of his daughters. After our purchase, his now famous son, **RAG APPLE KORNDYKE 8th,** was placed at the head of the great Dollar herd. Rag Apple now has about 100 daughters just coming into prominence, of an average individual quality, uniformity and color, that is simply wonderful.

RAG APPLE KORNDYKE is a show bull in every respect, kind disposition, powerful constitution and size, weighing 2,650 lbs.

The demand for Rag Apple Korndyke breeding means more than popularity; it means merit. For your next herd sire, why not a brother to the real $25,000.00 bull—that is, a son of **RAG APPLE KORNDYKE?**

W. WORTH JENNINGS **Towanda, Pennsylvania**

King Segis Pontiac Polkadot

No. 75341

Full brother in blood to the celebrated KING SEGIS PONTIAC ALCARTRA, the $50,000.00 SIRE, to be sold at Public Auction to the highest bidder without reserve, at the Lake Mills Consignment Sale to be held at Lake Mills, Wis., May 5th and 6th, 1915.

In February, 1910, we made a deal with the Stevens Bros. Company, Liverpool, N. Y., to let us have the best bull calf they could produce that year that was sired by King Segis Pontiac and out of a daughter of King of the Pontiacs. Result was King Segis Pontiac Alcartra representing at the time the very best combination of breeding that had ever been put together and in our estimation has *not been exceeded to this day.* Realizing something of his very great value and our inability to give him anywhere near the opportunity that he deserved we made another deal with them whereby we were to let King Segis Pontiac Alcartra be sold at Auction and we were to take his full brother in blood King Segis Pontiac Polkadot, born the same year. The dam of King Segis Pontiac Polkadot, K. P. Polkadot, a full sister, one year younger, to the dam of King Segis Pontiac Alcartra had the misfortune to lose the use of one-quarter of her udder at her first freshening when King Segis Pontiac Polkadot was born and was not then tested. The next year freshening at 3 years, 6 months, 9 days, she made 486.3 lbs. milk, 23.27 lbs. butter in 7 days. Again at 4 years, 6 months, 28 days, she made 493.4 lbs. milk, 24.25 lbs. butter from practically two teats having then nearly lost the use of another. Messrs. Stevens Bros. Company writing us at this time said "that they figured that if she had had four good teats she would have made 45 lbs.," anyway she did make the above record. Last year they were able to report that K. S. P. Polkadot, a full sister to King Segis Pontiac Polkadot had made at 2 years, 6 months, 25 days 458.9 pounds milk, 23.41 lbs. butter. We regret very much to have to part with King but we are getting so many of his daughters and will have so little use for him that we do not feel warranted in keeping him longer thereby depriving him of opportunities that his breeding warrants. We sincerely hope that he will fall into someone's hands that can do him justice. His Quality and Individuality is just as good as his breeding while his get are all that can be expected.

We will also sell six of his two-year-old daughters all well along in calf and backed by the strongest kind of Korndyke breeding. The nicest lot of individuals we have ever produced. (Remember we raised Uneeda Korndyke Abigail, the nicest individual cow in the John Arfmann herd.)

Am also selling four of his sons including a September calf from a splendid daughter of Johanna McKinley Segis. A yearling from a 20-lb. three-year-old daughter of the 30-lb. bull, Korndyke Hengerveld Artis 61130. Second dam an 18-lb. two-year-old daughter of Johanna McKinley Segis.

A 21-lb. Junior three-year-old daughter of King of the Pontiacs safe in calf to King Segis Pontiac Polkadot.

7 Granddaughters of Johanna McKinley Segis all bred to King Segis Pontiac Polkadot.

11 daughters of Korndyke Hengerveld De Kol a three-quarter brother to King of the Pontiacs, Pontiac Aaggie Korndyke, etc.

A daughter of King Pontiac Asia, heavy with calf to a good son of King Segis Pontiac Polkadot.

2 daughters of Riverside King Segis, one from Bessie De Kol Abbekerk 30.05.

4 daughters of Korndyke Hengerveld Artis 61130, a bull with a lot of 30-lb. backing.

F. J. BRISTOL & SONS COMPANY,

OAKFIELD, WIS.

Owners of Uneeda Korndyke Herd of Holstein-Friesian Cattle.

KING SEGIS PONTIAC ALCARTRA 79602

is now four years and four months of age and his first six daughters to freshen have all made A. R. O. records for 7 days, an average of better than 20 lbs. Five of them making from 20 to 23.93 lbs. of butter in 7 days.

This, everybody will conceed, is a remarkable showing and of no less importance to the breed because unusual results were expected from the offspring of this young Sire. His wonderful individuality and combination of breeding and records, he has now proven his ability to transmit these qualities.

The "King" now has over 100 living daughters and about 150 head are safe in calf to him. He has over 50 sons at the head of some of the best herds in this country and Canada.

The demand for his sons is easily equal to the supply for we have only three on hand, and they only a few days old. One of them from better than a 30 lb. cow, the others from good record young cows.

The calves are light in color, well marked and nice straight youngsters.

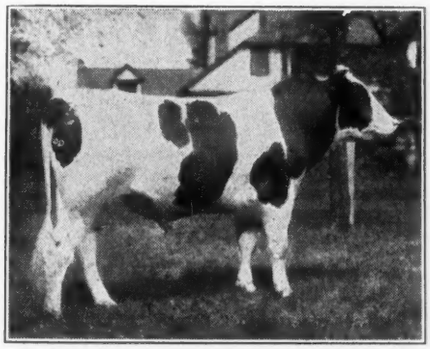
You had better buy one and raise it yourself. They never will be any cheaper than right now.

LAWSON HOLDING CO., Inc.

La Grangeville, Dutchess Co., NEW YORK.

WOODLAKE AND CLOVER FARMS

Will You Consider



KING KORNDYKE COLANTHA ORMSBY.

HEADING YOUR HERD with a straight, long well-bodied, handsomely marked, young bull of splendid type and finish?

A son of KING KORNDYKE COLANTHA ORMSBY 96546 who combines in closest relation the World's Record cows, Pietertje Maid Ormsby, Colantha 4th's Johanna, Grace Fayne 2d's Homestead, Pontiac Pet and Pontiac Clothilde De Kol 2d, the blood of the highest priced bulls on record.

OR a son of SIR KORNDYKE HENGERVELD DE KOL 41266 that would give you type and production of the Hengerveld De Kol, Pontiac Korndyke and Sir Ormsby Hengerveld De Kol combination.

OR a son of MAPLECREST BUTTER BOY DE KOL 94156, who is seventy-five per cent. brother of Banostine Belle De Kol, the greatest dairy producer to date.

Sons of these bulls, fine, strong individuals, from two to sixteen months old, out of Advanced Registry cows of richest breeding, some with records of thirty to thirty-five pounds of butter in 7 days, and of most popular breeding, will give any herd a standing for production, constitution and high individual merit. *Come* and *see them.* Our prices are reasonable.

Two and one-half miles from the Minneapolis City limits, on Lyndale Ave. South of Irwin Station on the Dan Patch line.

John B. Irwin

Station F. Minneapolis, Minn.

BOTTLED UP

The Federal and State quarantines have corked our stables up tight, as far as cattle business is concerned. No, we have no foot-and-mouth disease and don't want it so we have gone them one better and voluntarily closed our stables, for the time being, to all visitors.

The Spring Farm King Pontiac 6th calves keep coming; stables keep getting fuller, and they were full to start with. The feed bills go on just the same and have to be paid and the boys all want their checks on the fifteenth. With the cattle, it's all coming in—nothing going out. With the cash account, it's all going out and nothing coming in.

See the Point

We are like a bottle of Root Beer with the cork in tight. The pressure is getting more all the time. And now, if you are looking for good Holsteins, just happen 'round here when the cork is pulled for they certainly will move then.

Perhaps it would be better to buy HIM now, to be shipped when it is perfectly safe and the quarantine is removed. By HIM we mean a son of Spring Farm King Pontiac 6th, the bull that puts DEGREE in pedigree.

Henry Stevens & Son

BROOKSIDE STOCK FARM

Lacona, N. Y.

Established by Henry Stevens 1876 175 Head